

澳門特別行政區
REGIÃO ADMINISTRATIVA ESPECIAL DE MACAU

氣象觀測月報
RESULTADOS DAS OBSERVAÇÕES METEOROLÓGICAS

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地球物理暨氣象局
DIRECÇÃO DOS SERVIÇOS METEOROLÓGICOS E GEOFÍSICOS

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一般指引

1. 本年報列出澳門之氣象站、氣候站及遙距觀測站之觀測資料。
2. 每個氣象及氣候觀測站均已給出其地理位置(緯度、經度、高度)，重力加速度及觀測儀器之位置(氣壓計距海平面高度、溫度計、雨量計及風標距地面之高度)。
3. 所有圖表顯示之時間均以東京120度時區時計算(即國際時UTC 加8小時)。
4. 每日平均數值是根據每天二十四小時之觀測資料算出，每月平均數值則是根據每天之觀測資料或每天之平均數值算出。如沒有記錄之資料以“--”符號代替，而當其記錄是不完整時則以“紅色斜體字”表示。
5. 自二零零一年，氣候標準值(三十年平均值)是根據澳門氣象局自一九七一年至二零零零年之觀測資料計算。極端數值則自一九零一年或一九五二起計算，凡自一九五二年起計算者均以符號「a」提示。
6. 各種氣象參數量度方法簡述如下：

大 氣 壓 力 : 以水銀氣壓計(kew型號)及每日自記式之氣壓記錄儀量度，圖表上所載之數值(在澳門氣象局)是以水銀槽高度計算，以百帕斯卡為單位。自2002年8月1日，本局改用(Vaisala MILOS 500)進行有關測量。

氣 溫 : 以藏在百葉箱內之水銀及酒精溫度計和日記式溫度記錄儀量度，以攝氏為單位。自2002年8月1日，本局改用(Vaisala MILOS 500)進行有關測量。

露 點 : 將乾、濕溫度計之讀數，代入對數表而獲得；該對數表是根據以下之公式計算， $e=ew-ap(T-Tw)$ 而 $a=0.00066(1+0.00115Tw)$ 。露點溫度以攝氏為單位。自2002年8月1日，本局改用(Vaisala MILOS 500)進行有關測量。

相 對 濕 度 : 以藏在百葉箱內之乾、濕溫度計及自記式乾濕記錄儀量度。圖表中之數值為相對濕度，以百分比為單位。自2002年8月1日，本局改用(Vaisala MILOS 500)進行有關測量。

雨 量 : 以直徑203毫米之雨量計及自記式雨量記錄儀量度，以毫米為單位。當降水量低於0.1毫米時，以微量(VST)雨量記錄代表。自2002年8月1日，本局改用(Vaisala MILOS 500)進行有關測量。

風 : 風向、風速均以(Vaisala型號)之風向風速計連續測量。風向以16個方位表示，風速及陣風以公里/小時為單位；盛行風向為每小時多吹之風向，而附隨之風速是每小時平均風速。靜風(平均風速介乎0至1公里/小時之間)則以字母「C」代表。

雲 量 : 代表天空被雲覆蓋之份數(0至10份)。

- 日 照 量** : 以日光光度計(Campbell - Stokes)量度實際日照時數，以小時為單位。
- 總 輻 射** : 以Kipp & Zonen廠CM11型號之日照儀裝置於戶外接收太陽輻射，並由同廠CC12型電子日照累積儀記錄。以(10^{-2} MJm⁻²)為單位。
- 漫射太陽輻射** : 以Kipp & Zonen廠CM121型號之日照儀裝置於戶外接收太陽輻射，並由同廠CC12型電子日照累積儀記錄。以(10^{-2} MJm⁻²)為單位。
- 最 低 草 溫** : 於每日九時以最低溫度計量度最低草地溫度。
- 土 壤 溫 度** : 於每日九時以水銀溫度計分別量度土地深度為10厘米、20厘米、50厘米及100厘米之溫度。
- 海 水 溫 度** : 在北緯22° 8' ，東經113° 36' 30" 海域，放置一溫度感應器記錄海面溫度。
- 蒸 發 量** : 於每日九時，以掛於百葉箱之蒸發計測量，及觀測場內之不銹鋼蒸發盤量度，以毫米為單位。

蒸發量附隨之觀測: 測量蒸發量之同時，在A型蒸發盤量度每日水溫極值及風程計算。

水 平 能 見 度 : 根據目測估計之距離(公里)。

地 表 狀 況 : 於每日九時所觀察之地面狀況:
0 - 乾地 1 - 微濕地 2 - 濕地或有積水

天 氣 概 況 : 各種天氣概況之簡述如下:

a - 上午	OR - 露水
p - 下午	NB - 薄霧
n - 晚間	NV - 霧
m - 凌晨	BS - 煙霞
-	AI - 彩虹
CH - 雨	RP - 閃電
CV - 毛毛雨	TR - 雷
AG - 驟雨	CS - 日冕
BO - 颱風線	CL - 月冕
TM - 水龍捲	HS - 日暈
	HL - 月暈

INDICAÇÕES GERAIS

1. No presente volume publicam-se os resultados das observações das Estações Meteorológicas, Climatológicas e de Telemetria de Macau.
2. Para cada Estação Meteorológica ou Climatológica dão-se os elementos necessários para determinação da sua posição (Latitude, Longitude e Altitude), a aceleração da gravidade e os elementos referentes à posição dos sensores (altitude do nível da tina do barómetro, alturas acima do solo do reservatório do termómetro seco, da boca do udómetro, do anemómetro e do catavento).
3. As horas inscritas nos quadros referem-se ao tempo médio do meridiano 120° E (Tempo Universal Coordenado - UTC, acrescido de 8 horas).
4. Os valores médios diários foram calculados para 24 horas de observações diários e os valores médios mensais a partir das observações diárias ou dos valores médios diários das observações. Quando as informações não forem registadas são assinaladas por dois traços "--" e as incompletas são assinaladas por caracteres em itálico vermelha.
5. As normais climatológicas referentes à Estação Meteorológica de Macau foram, a partir de 2001, calculadas para o período de 1971-2000, sendo os valores extremos apresentados referentes ao período são contados a partir de 1901 ou 1952, sendo os contados a partir de 1952 assinalados com a).
6. Descrevem-se sumariamente os processos de medição dos valores dos diversos parâmetros meteorológicos:

Pressão Atmosférica - Mede-se com um barómetro de mercúrio (tipo KEW) e com um barógrafo de rotação diária. Os valores inscritos no quadro (Estação Meteorológica de Macau), referem-se à pressão atmosférica ao nível da tina e exprimem-se em hectopascals.

A partir de 1 de Agosto de 2002, é medida com sensor da Vaisala MILOS 500.

Temperatura do Ar - Mede-se com termómetros de mercúrio e de álcool e termógrafo de rotação diária, colocados em abrigo de Stevenson. Os valores inscritos no quadro exprimem graus Celsius. A partir de 1 de Agosto de 2002, é medida com sensor da Vaisala MILOS 500.

Ponto de Orvalho - Os valores da temperatura do ponto de orvalho são calculados através das leituras do termómetro seco e do molhado, utilizando-se as tabelas, obtidas através da expressão: $e=e_w - a_p(T-T_w)$, onde, $a=0,00066(1+0,00115T_w)$. Os valores inscritos no quadro exprimem graus Celsius. A partir de 1 de Agosto de 2002, é medida com sensor da Vaisala MILOS 500.

Humidade Relativa - Mede-se com psicrómetro e higrógrafo colocados em abrigo Stevenson. Os valores inscritos no quadro exprimem por cento. A partir de 1 de Agosto de 2002, é medido com sensor da Vaisala MILOS 500.

Precipitação - Mede-se com um udómetro de 203mm de diâmetro e com um udógrafo. Os valores inscritos no quadro exprimem milímetros de precipitação. Quando a precipitação for inferior a 0,1mm é registado por VST. A partir de 1 de Agosto de 2002, é medido com sensor da Vaisala MILOS 500.

Vento - A direcção do vento referida a 16 rumos, a velocidade expressa em quilómetros por hora e a velocidade instantânea (rajadas) foram obtidas a partir do registo contínuo de um anemómetro Vaisala. As direcções inscritas no quadro são as predominantes em cada hora e os números que se lhes seguem são as velocidades médias horárias. O símbolo "C" significa "calma" (incluindo nesta designação velocidades médias do vento compreendidas entre 0 e 1 km/h).

Nebulosidade - Os valores inscritos são avaliados por estimativa e exprimem décimos (0 a 10) do céu coberto.

Insolação - Mede-se com um heliógrafo Fuess, tipo Campbell-Stokes e os valores inscritos no quadro exprimem horas.

Radiação Global - Um piranómetro CM11 da fábrica Kipp & Zonen para medir a radiação solar e instalado no exterior; um integrador solar electrónico CC12 para registo, da mesma fábrica. Os valores inscritos no quadro exprimem (10^{-2} MJm⁻²).

Temperatura Mínima na Relva - Mede-se com um termómetro mínima, lido, diariamente, às 9 horas.

Temperatura do Solo - Mede-se às profundidades de 10cm, 20cm, 50cm e 100cm, com termómetros de mercúrio, lidos, diariamente, às 9 horas.

Temperatura da Água do Mar - Mede-se com um sensor de temperatura incorporado no ondógrafo, localizado na latitude de 22° 8'N e longitude de 113° 36'30"E.

Evaporação - Mede-se com um evaporímetro de Piche colocado em abrigo de Stevenson e em tina de classe A, lidos, diariamente, às 9 horas. Os valores inscritos exprimem milímetros.

Observações Complementares da Evaporação - Complementarmente às da evaporação em tina de classe A, fazem-se leituras das temperaturas extremas da água e do percurso diário do vento.

Visibilidade Horizontal - Avalia-se por estimativa, à vista desarmada, e os valores inscritos no quadro exprimem quilómetros.

Estado do solo – Observa-se, diariamente às 9 horas e os valores inscritos exprimem:

0 – solo seco, 1 – solo húmido, 2 – solo molhado ou com poças de água.

Evolução do tempo – É indicada pelas repectivas abreviaturas como abaixo se especifica:

a - Durante a manhã	OR - Orvalho
p - Durante a tarde	NB - Neblina
n - Durante a noite	NV - Nevoeiro
m - Durante a madrugada	BS - Bruma sêca
-	AI - Arco-íris
CH - Chuva	RP - Relâmpago
CV - Chuvisco	TR - Trovoada
AG - Aguaceiros	CS - Coroa solar
BO - Borrasca	CL - Coroa lunar
TM - Tromaba marítima	HS - Halo solar
	HL - Halo lunar

觀測站及信號懸掛點分佈圖

CARTA DOS LOCAIS COM OBSERVAÇÕES E MASTROS DE SINAIS DE TEMPESTADE



氣象站及氣候站簡介

Elementos referentes às Estações Meteorológicas e à Estação Climatológica

名稱 Nome	φ	λ	Hs (m)	g (m/s ²)	Hb (m)	ht (m)	hr (m)	ha (m)	hd (m)
大潭山 Taipa Grande	22° 09'36"	113° 33'54"	110,00	9,7877	114	1,4	1,4	15,4	15,4
嘉樂庇總督大橋 Ponte Governador Nobre de Carvalho	22° 10'51"	113° 32'30"	39,40					7,0	7,0
友誼大橋北峰 Ponte de Amizade Norte	22° 11'30"	113° 33'36"	39,64					8,0	8,0
友誼大橋南峰 Ponte de Amizade Sul	22° 10'54"	113° 33'36"	39,54					8,0	8,0
大炮台山 Fortaleza do Monte	22° 11'54"	113° 32'21"	59,00			3,0	7,0	9,0	9,0
紀念孫中山市政公園 Parque Municipal Dr. Sun Yat Sen	22° 12'54"	113° 32'24"	16,82			1,5	2,0	8,0	8,0
澳門教科文中心 Centro Unesco de Macau	22° 11'30"	113° 32'48"	11,70				0,5		
澳門污水處理廠 E.T.A.R de Macau	22° 12'30"	113° 33'24"	7,00			1,5	1,0	7,0	7,0
九澳 Ka - Hó	22° 08'09"	113° 34'39"	27,00	9,7877		1,5	1,5	13,5	13,5
路環分站 Delegação (Coloane)	22° 07'03"	113° 32'54"	3,30	9,7877		1,5	1,5	10,0	10,0

φ - 緯度
Latitude

λ - 經度
Longitude

Hs - 高度
Altitude

g - 重力加速度
Aceleração da gravidade

Hb - 放置氣壓距海平面之高度
Altitude do nível da tina do barómetro

ht - 放置乾溫度計距地面之高度
Altura do reservatório do termómetro seco acima do solo

hr - 雨量計距地面之高度
Altura da boca do udómetro acima do solo

ha - 風力計距地面之高度
Altura do anemómetro acima do solo

hd - 風標距地面之高度
Altura do catavento acima do solo

本月天氣狀況及氣象統計

SITUAÇÃO GERAL E RESULTADO DE OBSERVAÇÃO METEOROLÓGICA

2007 年部份氣象要素之月及年統計值

RESULTADOS MENSIS E ANNUAL DE ALGUNS ELEMENTOS METEOROLÓGICOS EM 2007

MONTHLY AND ANNUAL STATISTIC OF SELECTED METEOROLOGICAL PARAMETERS FOR 2007

	一月 JAN	二月 FEV	三月 MAR	四月 ABR	五月 MAI	六月 JUN	七月 JUL	八月 AGO	九月 SET	十月 OUT	十一月 NOV	十二月 DEZ	全年 ANO	日期 Data
海平面氣壓 (hPa)														
Pressão atmosférica ao nível do mar (hPa)														
絕對最高 Máxima absoluta	1030.7	1028.4	1024.6	1024.4	1016.3	1011.0	1012.1	1012.6	1014.6	1021.3	1026.3	1026.9	1030.7	01-28
平均 Média	1022.9	1018.0	1015.6	1015.1	1010.1	1006.6	1007.2	1004.4	1008.0	1014.3	1018.0	1018.9	1013.2	
絕對最低 Mínima absoluta	1015.1	1011.0	1008.3	1006.3	1002.1	1002.4	998.0	990.8	1001.2	1002.1	1011.9	1011.7	990.8	08-11
平均日較差 Variação média diurna	4.4	3.8	4.2	4.2	3.4	3.1	3.1	3.7	3.6	3.9	4.0	3.9	3.8	
氣溫 (°C)														
Temperatura do ar (°C)														
絕對最高 Máxima absoluta	26.2	27.8	28.0	30.1	32.6	32.4	33.9	34.8	33.6	33.3	28.5	27.3	34.8	08-08
平均最高 Média das máximas	18.9	22.4	21.9	23.8	29.4	30.5	32.0	30.9	30.6	28.8	24.3	22.7	26.4	
平均 Média	15.3	19.3	19.5	21.0	26.1	28.0	29.1	27.9	27.4	25.4	20.4	18.6	23.2	
平均最低 Média das mínimas	12.7	17.4	17.8	18.8	23.9	26.2	27.0	25.7	25.4	23.3	17.8	16.3	21.0	
絕對最低 Mínima absoluta	9.1	11.7	9.8	11.3	21.6	23.2	24.4	24.2	23.6	19.9	12.4	10.8	9.1	01-27
平均日較差 Variação média diurna	6.2	5.0	4.1	5.0	5.5	4.3	5.0	5.2	5.2	5.5	6.6	6.4	5.3	
相對濕度 (%)														
Humidade relativa														
平均 Média	67	79	86	84	82	85	79	83	75	71	64	71	77	
絕對最低 Mínima absoluta	18	22	53	32	33	59	51	50	39	33	23	26	18	01-30
雲量 (0 -10) Nebulosidade (0 -10)	5.6	6.4	8.7	7.6	7.1	7.3	5.5	7.3	6.4	5.2	4.2	4.7	6.3	
日照量 (h) Insolação (h)	138.4	107.9	40.9	103.0	167.8	180.8	314.2	165.7	152.4	169.6	190.6	150.8	1882.1	
雨量 (mm)														
Precipitação (mm)														
總數 Total	16.8	14.2	17.0	153.8	320.6	408.4	39.2	343.8	84.4	35.0	15.4	17.8	1466.4	
降雨日數 Número de dias com precipitação	5	7	12	14	13	18	9	20	5	7	2	3	115	
最高日雨量 (b) Máxima diária	15.2	6.4	7.8	80.4	123.2	177.4	16.0	54.8	32.8	17.0	15.0	9.4	177.4	06-10
最高時雨量 (a) Máxima horária	2.8	4.0	4.8	43.6	25.8	62.8	8.8	27.0	11.0	5.6	2.4	5.4	62.8	06-10
風														
Vento														
盛行風向 Direcção predominante	N	SE	N	N	S	S	S	S	N	N	N	N	N	
平均風速 (km/h) Velocidade média	16.2	13.0	13.7	15.0	11.8	13.9	15.0	12.4	12.9	14.2	16.5	12.3	13.9	
最高陣風 (km/h) Rajada máxima (km/h)	59	61	56	69	59	87	71	100	62	68	66	56	100	08-18

本月氣象要素統計值及其與氣候平均值之偏差

OS VALORES DE ALGUNS ELEMENTOS METEOROLÓGICOS OBSERVADOS DURANTE O MÊS E OS RESPECTIVO DEVIOS EM RELAÇÃO AOS VALORES NORMAIS
 THE MONTHLY FIGURES AND THE DEVIATION FROM THE CLIMATOLOGICAL NORMALS

氣溫 (°C) Temperatura do ar (°C)		
平均 Média	14.3 (a)	-0.5
平均最高 Média das máximas	17.5	-0.2
平均最低 Média das mínimas	11.9 (b)	-0.3
雨量 (mm) Precipitação (mm)		
自一月起之累積雨量	26.8	-5.6
平均相對濕度 (%) Humidade relativa média (%)		
	74	0
蒸發量 (mm) Evaporação (mm)		
	70.1	-16.7
日照量 (h) Insolação (h)		
	100.0	-32.4
風 Vento		
盛行風向及其平均風速 Direcção predominante	N	20.7
平均風速 (km/h) Velocidade média	16.0	

(a) 自1993年以來，該月份最低。

(a) A mais baixa do mês desde 1993

(b) 自1993年以來，該月份最低。

(b) A mais baixa do mês desde 1993

氣候平均值及自1901年起錄得之氣候極值

VALOR NORMAL E OS EXTREMOS REGISTRADOS A PARTIR DE 1901

CLIMATOLOGICAL NORMALS AND EXTREME VALUES SINCE 1901

註: (a) 自1952年; (b) 1952年前之日雨量為09時至09時雨量

Nota: (a) A partir de 1952; (b) Os registos da quantidade de precipitação antes de 1952 é contado das 9 às 9 horas

Note: (a) Since 1952, (b) The daily precipitation is calculated from 09 to 09 before 1952.

	一月 JAN	二月 FEV	三月 MAR	四月 ABR	五月 MAI	六月 JUN	七月 JUL	八月 AGO	九月 SET	十月 OUT	十一月 NOV	十二月 DEZ	全年 ANO	日期 Data
海平面氣壓 (hPa)														
Pressão atmosférica ao nível do mar (hPa)														
絕對最高 (a)	1033.2	1031.7	1034.4	1029.3	1027.0	1014.9	1028.8	1023.2	1019.7	1025.0	1031.6	1033.8	1034.4	2005-03-05
Máxima absoluta														
平均	1020.3	1018.7	1016.1	1012.8	1009.3	1006.2	1005.5	1005.3	1009.4	1014.1	1018.2	1020.8	1013.1	
Média														
絕對最低 (a)	1003.5	1003.3	1002.8	987.8	981.5	973.3	983.1	971.8	966.4	991.7	987.7	1001.5	966.4	1964-09-05
Mínima absoluta														
平均日較差	4.0	4.0	4.1	3.8	3.3	3.0	3.3	3.4	3.4	3.5	3.8	4.0	3.6	
Varição média diurna														
氣溫 (°C)														
Temperatura do ar (°C)														
絕對最高	29.1	30.2	31.5	35.3	37.5	36.9	38.9	38.5	38.1	36.0	34.2	30.0	38.9	1930-07-02; 1930-07-06
Máxima absoluta														
平均最高	17.7	17.7	20.7	24.5	28.1	30.3	31.5	31.2	30.0	27.4	23.4	19.6	25.2	
Média das máximas														
平均	14.8	15.2	18.2	22.1	25.5	27.7	28.6	28.3	27.3	24.7	20.4	16.5	22.4	
Média														
平均最低	12.2	13.1	16.2	20.2	23.5	25.7	26.3	26.0	24.9	22.3	17.8	13.8	20.2	
Média das mínimas														
絕對最低	-1.8	0.4	3.2	8.5	13.8	18.5	19.3	19.0	13.2	9.5	5.0	0.0	-1.8	1948-01-26
Mínima absoluta														
平均日較差	5.4	4.7	4.5	4.4	4.6	4.7	5.2	5.2	5.1	5.1	5.6	5.8	5.0	
Varição média diurna														
相對濕度 (%)														
Humidade relativa														
平均	74.3	80.6	84.9	86.2	85.6	84.4	82.2	82.5	79.0	73.4	69.3	68.8	79.3	
Média														
絕對最低 (a)	10	19	13	26	33	23	37	40	25	20	16	11	10	1968-01-15
Mínima absoluta														
雲量 (0 -10)	6.4	7.7	8.2	8.5	8.1	7.8	7.1	7.2	6.7	5.7	5.3	5.2	7.0	
Nebulosidade (0 -10)														
日照量 (h)	132.4	81.8	75.9	87.8	138.4	168.2	226.2	194.7	182.2	195.0	177.6	167.6	1828.0	
Insolação (h)														
雨量 (mm)														
Precipitação (mm)														
平均	32.4	58.8	82.7	217.4	361.9	339.7	300.0	351.7	194.2	116.9	42.6	35.2	2133.4	
Média														
降雨日數	5.8	10.2	11.8	12.0	15.0	17.3	15.9	16.0	12.7	7.0	5.0	4.5	133.2	
Número de dias com precipitação														
最高月雨量 (b)	153.1	279.0	477.8	749.4	975.2	892.9	917.9	836.4	621.4	405.1	244.4	150.8	975.2	1972-05
Máxima mensal														
最高日雨量 (b)	106.2	67.2	91.1	303.2	348.2	304.3	240.2	275.8	280.2	316.6	217.4	118.2	348.2	1972-05-10
Máxima diária														
最高時雨量 (a)	17.8	25.6	45.6	100.4	107.2	75.6	90.4	94.0	125.1	52.6	42.0	19.0	125.1	1964-09-06
Máxima horária														
風														
Vento														
盛行風向	N	N	ESE	ESE	ESE	SW	SW	SW	ESE	ESE	N	N	ESE	
Direção predominante														
平均風速 (km/h)	13.7	13.2	12.1	11.8	12.1	12.2	11.9	11.2	12.8	14.9	14.8	14.1	12.9	
Velocidade média														
最高陣風 (km/h) (a)	90	93	100	121	139	152	141	152	211	132	130	91	211	1964-09-05
Rajada máxima (km/h)														

澳門氣象月報 (2008 年 1 月)

本月天氣較正常清涼及能見度較弱。月平均氣溫為攝氏 14.3 度，日最低氣溫平均值為攝氏 11.9 度，分別較正常值低 0.5 度及 0.3 度，而兩者均為自 1993 年以來 1 月份之最低值；日最高氣溫平均值為攝氏 17.5 度，較正常值低 0.2 度。本月錄得總降雨量為 26.8 毫米，較正常值少 5.6 毫米。

月初，本澳受著壹強烈冬季季候風的影響，天晴，天氣寒冷及乾燥。4 至 7 日，風力緩和，氣溫逐步回升及有煙霞。8 至 12 日，轉受壹股溫暖潮濕的偏東氣流影響，多雲及能見度較弱，其間 10、11、12 日有霧，並於 9 日及 12 日分別錄得本月最高氣溫攝氏 26.7 度。13 日，壹道冷鋒抵達華南沿岸，本澳氣溫下降，其後 4 天，天氣持續寒冷及多雲，間中有一兩陣雨。

19、20 日，再次受著壹偏東氣流的影響，氣溫回升，多雲及有薄霧。21 日，壹道冷鋒再度抵達華南沿岸，氣溫下降，大致天晴及有煙霞。本月餘下日子，天氣持續寒冷，多雲有雨及能見度較弱，並於 30 日錄得本月最大日降水量 11.4 毫米及於 31 日錄得本月最低氣溫攝氏 5.7 度。

RESUMO DO ESTADO DO TEMPO EM MACAU NO MÊS DE JANEIRO DE 2008

O tempo no mês de Janeiro foi mais fresco do que normal e com baixa visibilidade. A temperatura média o ar foi de 14,3 graus Celsius, a temperatura média das mínimas do mês de 11,9 graus Celsius, respectivamente em 0,5 e 0,3 graus Celsius abaixo do valor normal e os dois valores foram mais baixas do mês desde 1993. A média das máximas do mês foi de 17,5 graus Celsius foi em 0,2 graus Celsius abaixo do valor normal. O valor mensal de precipitação registado de 26,8 milímetros, foi em 5,6 milímetros abaixo do valor normal.

No início do mês, sob a influência de monção de inverno intenso, o tempo foi pouco nublado, frio e seco. Nos dias 4 a 7, houve bruma seca e subida gradual de temperatura com vento moderado. Nos dias 8 a 12, o tempo tornou-se muito nublado com fraca da visibilidade devido à influência de uma corrente húmida de Leste. Houve nevoeiro nos dias 10, 11 e 12, tendo-se registado a temperatura máxima do mês de 26,7 graus Celsius no dia 9 e 12. No dia 13, como a chegada de uma frente fria nas regiões costeiras de Guangdong, trouxe descida da temperatura, o tempo manteve-se frio e muito nublado com períodos de chuva fraca nos seguintes 4 dias.

Nos dias 19 a 20, o céu foi muito nublado com neblina e houve subida da temperatura pela influência de uma corrente de Leste. No dia 21, como a nova chegada de uma frente fria nas regiões costeiras de Guangdong, o céu apresentou-se geralmente pouco nublado com houve bruma seca e descida de temperatura. O tempo manteve-se frio, muito nublado e chuva com fraca da visibilidade nos restantes dias. Tendo-se registado a precipitação máxima diária do mês de 11,4 milímetros no dia 30 e registado a temperatura mínima do mês de 5,7 graus Celsius no dia 31.

澳門氣象觀測站
OBSERVATÓRIO METEOROLÓGICO DE MACAU

氹仔大潭山
Taipa Grande

站高氣壓 (百帕斯卡)

PRESSÃO ATMOSFÉRICA (hPa)

ATMOSPHERIC PRESSURE (hPa)

	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h
1	1010.0	1009.8	1010.0	1010.3	1010.8	1011.2	1011.8	1012.4	1013.3	1014.0	1013.9	1013.0	1011.6	1010.6
2	1011.8	1011.7	1011.6	1011.5	1011.6	1012.0	1012.5	1013.0	1013.5	1013.6	1013.6	1012.8	1011.6	1010.6
3	1011.0	1010.7	1010.1	1010.2	1010.1	1010.7	1011.2	1011.4	1011.9	1012.4	1012.2	1011.2	1010.0	1008.9
4	1009.2	1008.8	1008.4	1007.9	1007.9	1008.1	1008.7	1009.3	1009.9	1010.4	1010.3	1009.8	1008.8	1008.0
5	1008.0	1007.6	1007.2	1007.0	1006.9	1007.0	1007.6	1008.3	1009.0	1009.3	1009.1	1008.4	1007.3	1006.4
6	1007.0	1006.7	1006.2	1005.8	1005.9	1006.4	1006.7	1007.3	1008.1	1008.4	1008.3	1008.1	1007.5	1006.5
7	1006.6	1006.3	1005.8	1005.4	1005.4	1005.6	1006.2	1006.9	1007.3	1007.8	1007.8	1007.1	1006.3	1005.2
8	1004.5	1004.3	1003.6	1003.3	1003.4	1003.7	1004.3	1004.8	1005.3	1006.0	1005.6	1005.0	1004.0	1002.9
9	1003.5	1003.1	1002.7	1002.4	1002.5	1002.8	1003.3	1003.6	1003.9	1004.3	1004.1	1003.4	1002.6	1001.7
10	1001.9	1001.9	1001.6	1001.6	1001.3	1001.5	1001.8	1002.3	1002.8	1003.3	1003.1	1002.5	1001.3	1000.4
11	1000.5	1000.3	1000.2	1000.1	1000.3	1000.4	1000.8	1001.3	1001.7	1002.3	1001.9	1001.7	1000.5	999.6
12	1000.8	1000.6	1000.2	999.8	999.8	1000.2	1001.0	1001.8	1002.5	1003.0	1003.0	1002.2	1001.2	1000.5
13	1002.3	1002.4	1002.6	1002.6	1002.8	1003.1	1003.7	1004.8	1005.6	1005.9	1005.9	1005.9	1004.9	1004.0
14	1006.8	1007.1	1006.8	1006.9	1007.2	1008.0	1008.7	1009.3	1009.7	1010.0	1009.3	1008.1	1006.8	1005.6
15	1007.7	1007.6	1007.5	1007.8	1008.1	1008.6	1009.0	1009.8	1010.6	1011.3	1011.2	1010.5	1009.7	1008.7
16	1011.5	1011.8	1011.9	1011.9	1012.0	1012.0	1012.1	1012.7	1013.3	1014.2	1014.1	1013.0	1011.9	1010.4
17	1012.3	1012.3	1012.0	1011.4	1011.6	1012.2	1012.6	1013.7	1014.2	1014.6	1014.3	1013.5	1012.0	1011.4
18	1010.9	1010.8	1010.6	1010.4	1010.2	1009.5	1010.1	1010.6	1010.9	1011.2	1010.6	1009.5	1008.2	1006.9
19	1007.3	1006.6	1006.1	1006.0	1006.0	1005.8	1006.0	1006.6	1007.3	1007.5	1007.2	1006.6	1005.7	1004.5
20	1005.2	1004.4	1003.8	1003.4	1003.1	1003.6	1003.9	1004.5	1005.1	1005.3	1004.9	1004.2	1003.2	1002.0
21	1002.7	1002.7	1002.5	1002.4	1002.2	1002.5	1003.2	1003.8	1004.4	1004.9	1004.8	1004.0	1003.2	1002.4
22	1004.9	1005.0	1004.7	1004.7	1004.8	1004.9	1005.2	1005.9	1007.0	1007.7	1007.8	1007.0	1006.0	1005.3
23	1006.7	1006.7	1006.4	1006.0	1006.3	1006.4	1007.0	1007.7	1008.3	1008.7	1008.9	1008.5	1007.9	1007.1
24	1007.9	1008.0	1008.3	1008.3	1008.5	1008.9	1009.5	1010.2	1010.8	1011.4	1011.8	1010.9	1010.3	1009.8
25	1010.1	1009.3	1008.7	1008.3	1008.0	1007.4	1008.2	1008.8	1009.5	1009.9	1009.7	1008.8	1008.1	1007.1
26	1007.8	1007.3	1006.6	1006.2	1006.5	1006.9	1006.7	1007.8	1008.1	1008.5	1008.6	1007.6	1007.1	1006.5
27	1008.1	1007.7	1007.5	1007.5	1007.4	1007.8	1008.3	1008.8	1009.0	1009.6	1009.1	1008.4	1007.3	1006.3
28	1005.9	1004.9	1004.3	1004.0	1003.6	1004.3	1004.9	1004.9	1005.3	1005.6	1005.3	1004.3	1002.8	1002.1
29	1002.7	1003.0	1003.2	1002.8	1002.8	1003.0	1002.1	1003.3	1004.7	1006.0	1006.4	1005.1	1004.3	1002.9
30	1004.1	1003.8	1003.7	1003.2	1003.1	1004.1	1005.2	1005.4	1006.0	1006.8	1007.1	1006.7	1005.7	1005.1
31	1007.1	1006.6	1006.2	1006.3	1006.3	1007.6	1008.6	1009.2	1009.6	1010.1	1010.2	1009.2	1008.3	1007.2

站高氣壓 (百帕斯卡)

PRESSÃO ATMOSFÉRICA (hPa)

ATMOSPHERIC PRESSURE (hPa)

	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	平均 MÉD	最高 MÁX	最低 MÍN
1	1010.0	1009.7	1010.1	1010.5	1010.8	1011.0	1011.7	1012.1	1012.2	1012.0	1011.4	1014.1	1009.6
2	1010.2	1009.9	1010.2	1010.6	1011.2	1011.6	1012.0	1012.0	1011.9	1011.5	1011.8	1013.8	1009.9
3	1007.9	1007.4	1007.2	1007.6	1008.2	1008.7	1009.3	1009.4	1009.4	1009.2	1009.8	1012.4	1007.1
4	1007.3	1007.3	1007.3	1007.5	1007.5	1007.8	1008.1	1008.4	1008.4	1008.1	1008.5	1010.4	1007.2
5	1005.7	1005.4	1005.5	1005.7	1005.9	1006.3	1006.9	1007.3	1007.4	1007.2	1007.2	1009.4	1005.3
6	1005.8	1005.3	1005.5	1005.6	1006.0	1006.4	1006.8	1007.2	1007.0	1006.8	1006.7	1008.5	1005.3
7	1004.3	1003.9	1004.0	1004.0	1004.3	1004.7	1005.3	1005.7	1005.5	1005.0	1005.7	1007.9	1003.8
8	1002.7	1002.3	1002.2	1002.4	1002.8	1003.4	1004.0	1004.1	1004.0	1003.5	1003.8	1006.0	1002.2
9	1001.0	1000.8	1001.1	1001.5	1001.6	1002.0	1002.1	1002.1	1002.2	1001.9	1002.5	1004.4	1000.7
10	1000.1	999.4	999.3	999.5	999.7	999.9	1000.4	1000.8	1000.8	1000.7	1001.2	1003.4	999.1
11	998.5	998.2	998.2	998.6	998.7	999.1	999.6	1000.1	1000.5	1000.7	1000.2	1002.3	998.1
12	999.8	999.4	999.7	1000.2	1000.5	1001.0	1001.5	1002.0	1002.3	1002.4	1001.0	1003.1	999.3
13	1003.7	1003.5	1003.9	1004.6	1005.2	1005.8	1006.4	1007.0	1007.2	1007.1	1004.6	1007.3	1002.2
14	1004.8	1004.7	1005.3	1006.2	1006.7	1007.1	1007.8	1008.0	1007.7	1007.5	1007.3	1010.0	1004.7
15	1008.1	1007.9	1008.1	1008.7	1009.5	1010.3	1010.9	1011.5	1011.8	1011.6	1009.4	1011.9	1007.3
16	1009.7	1009.7	1010.1	1010.9	1011.4	1011.5	1011.9	1012.5	1012.5	1012.5	1011.9	1014.6	1009.5
17	1010.0	1009.3	1009.1	1009.4	1009.7	1010.4	1010.8	1010.8	1011.2	1011.1	1011.7	1014.7	1009.0
18	1006.4	1006.0	1005.8	1006.1	1006.7	1006.8	1007.4	1007.7	1007.4	1007.2	1008.7	1011.3	1005.8
19	1003.7	1003.5	1003.6	1003.8	1003.9	1004.6	1005.0	1005.2	1005.5	1005.5	1005.6	1007.6	1003.4
20	1001.3	1000.9	1000.9	1001.2	1001.7	1002.3	1002.8	1002.9	1003.2	1003.3	1003.2	1005.5	1000.8
21	1001.7	1001.3	1001.4	1001.9	1002.3	1002.9	1003.5	1004.0	1004.5	1004.7	1003.1	1005.0	1001.2
22	1004.3	1003.9	1004.2	1004.7	1005.1	1005.8	1006.5	1006.9	1006.9	1006.6	1005.6	1008.0	1003.7
23	1006.4	1006.1	1006.5	1006.9	1007.2	1007.6	1007.7	1007.9	1008.2	1008.2	1007.3	1009.0	1006.0
24	1008.7	1008.9	1009.4	1009.0	1009.4	1009.8	1010.1	1010.1	1010.5	1010.2	1009.6	1011.9	1007.8
25	1006.4	1006.6	1006.6	1007.4	1007.6	1007.9	1008.0	1007.8	1008.2	1007.9	1008.2	1010.3	1006.3
26	1006.2	1006.4	1006.2	1006.7	1006.9	1007.5	1007.8	1008.2	1007.9	1008.2	1007.2	1008.7	1006.0
27	1005.7	1005.6	1005.6	1006.0	1006.4	1006.7	1006.9	1006.8	1006.7	1006.3	1007.3	1009.7	1005.5
28	1001.3	1001.0	1001.1	1001.9	1002.3	1003.2	1003.6	1003.6	1003.3	1003.1	1003.6	1006.2	1000.9
29	1002.2	1002.6	1003.0	1002.7	1002.9	1003.2	1003.8	1004.2	1004.3	1003.9	1003.5	1006.4	1001.9
30	1004.9	1004.8	1004.7	1005.2	1005.6	1006.2	1007.2	1007.8	1007.6	1007.8	1005.5	1007.9	1003.0
31	1006.8	1006.2	1006.5	1007.1	1007.2	1008.1	1008.5	1008.9	1008.7	1008.4	1007.9	1010.3	1006.1
平均 MÉD											1006.5	1008.8	1004.5
全月 MÉS												1014.7	998.1

海平面氣壓 (百帕斯卡)

PRESSÃO ATMOSFÉRICA AO NÍVEL MÉDIA DO MAR (hPa)

ATMOSPHERIC PRESSURE AT MEAN SEA LEVEL (hPa)

	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h
1	1024.0	1023.8	1024.1	1024.4	1024.9	1025.3	1026.0	1026.6	1027.4	1028.1	1027.9	1027.0	1025.5	1024.5
2	1025.9	1025.8	1025.7	1025.6	1025.7	1026.2	1026.7	1027.2	1027.6	1027.7	1027.6	1026.8	1025.5	1024.5
3	1025.1	1024.8	1024.1	1024.2	1024.2	1024.8	1025.3	1025.5	1025.9	1026.3	1026.1	1025.0	1023.7	1022.6
4	1023.2	1022.8	1022.3	1021.8	1021.9	1022.1	1022.7	1023.3	1023.8	1024.2	1024.1	1023.5	1022.5	1021.6
5	1021.9	1021.5	1021.1	1020.9	1020.8	1021.0	1021.6	1022.3	1022.9	1023.1	1022.8	1022.0	1020.9	1019.9
6	1020.8	1020.5	1020.0	1019.6	1019.7	1020.2	1020.5	1021.1	1021.9	1022.1	1021.9	1021.6	1021.0	1020.0
7	1020.3	1020.0	1019.5	1019.2	1019.1	1019.3	1019.9	1020.6	1021.0	1021.4	1021.4	1020.6	1019.7	1018.5
8	1018.1	1017.9	1017.2	1016.9	1017.0	1017.3	1017.9	1018.4	1018.9	1019.6	1019.1	1018.4	1017.4	1016.3
9	1017.1	1016.7	1016.3	1016.0	1016.1	1016.4	1016.9	1017.2	1017.4	1017.7	1017.4	1016.6	1015.8	1015.0
10	1015.4	1015.4	1015.1	1015.1	1014.8	1015.0	1015.3	1015.9	1016.4	1016.8	1016.6	1015.9	1014.7	1013.8
11	1014.0	1013.8	1013.7	1013.6	1013.8	1013.9	1014.3	1014.8	1015.2	1015.8	1015.3	1015.1	1013.8	1013.0
12	1014.3	1014.1	1013.7	1013.3	1013.3	1013.7	1014.5	1015.3	1016.0	1016.4	1016.3	1015.4	1014.4	1013.7
13	1015.8	1015.9	1016.1	1016.1	1016.4	1016.7	1017.3	1018.4	1019.3	1019.6	1019.5	1019.5	1018.5	1017.5
14	1020.7	1021.0	1020.7	1020.8	1021.2	1022.0	1022.7	1023.3	1023.7	1024.0	1023.2	1022.0	1020.6	1019.4
15	1021.5	1021.4	1021.4	1021.7	1022.1	1022.6	1023.0	1023.8	1024.6	1025.3	1025.1	1024.4	1023.6	1022.6
16	1025.5	1025.9	1026.0	1026.0	1026.1	1026.1	1026.3	1026.9	1027.5	1028.4	1028.2	1027.1	1025.9	1024.4
17	1026.4	1026.4	1026.1	1025.5	1025.7	1026.3	1026.8	1027.9	1028.4	1028.8	1028.5	1027.7	1026.2	1025.6
18	1025.0	1024.9	1024.8	1024.6	1024.4	1023.7	1024.3	1024.8	1025.0	1025.3	1024.6	1023.5	1022.1	1020.7
19	1021.1	1020.4	1019.9	1019.8	1019.8	1019.6	1019.8	1020.4	1021.1	1021.3	1020.9	1020.3	1019.4	1018.2
20	1018.9	1018.1	1017.5	1017.1	1016.8	1017.3	1017.7	1018.2	1018.8	1018.9	1018.4	1017.6	1016.6	1015.5
21	1016.4	1016.5	1016.3	1016.2	1016.1	1016.4	1017.1	1017.7	1018.3	1018.7	1018.5	1017.6	1016.8	1015.9
22	1018.8	1018.9	1018.6	1018.6	1018.7	1018.8	1019.1	1019.8	1020.9	1021.5	1021.6	1020.8	1019.7	1018.9
23	1020.6	1020.6	1020.4	1020.0	1020.3	1020.4	1021.0	1021.7	1022.3	1022.6	1022.8	1022.3	1021.7	1020.8
24	1021.7	1021.8	1022.1	1022.2	1022.5	1022.9	1023.5	1024.2	1024.8	1025.5	1025.9	1025.0	1024.4	1023.9
25	1024.2	1023.4	1022.8	1022.4	1022.1	1021.5	1022.3	1022.9	1023.6	1024.0	1023.8	1022.9	1022.2	1021.2
26	1021.9	1021.4	1020.6	1020.2	1020.5	1020.9	1020.8	1021.9	1022.2	1022.6	1022.7	1021.7	1021.2	1020.6
27	1022.3	1021.9	1021.7	1021.7	1021.6	1022.0	1022.5	1023.0	1023.2	1023.8	1023.3	1022.6	1021.5	1020.5
28	1020.1	1019.0	1018.4	1018.1	1017.7	1018.5	1019.1	1019.1	1019.4	1019.7	1019.4	1018.3	1016.7	1016.0
29	1016.8	1017.1	1017.3	1016.9	1016.9	1017.1	1016.1	1017.3	1018.7	1020.1	1020.6	1019.2	1018.4	1016.9
30	1018.2	1017.9	1017.8	1017.3	1017.2	1018.2	1019.3	1019.5	1020.1	1021.0	1021.3	1020.9	1019.8	1019.3
31	1021.3	1020.8	1020.4	1020.5	1020.5	1021.9	1022.9	1023.5	1023.9	1024.4	1024.5	1023.5	1022.6	1021.4

海平面氣壓 (百帕斯卡)

PRESSÃO ATMOSFÉRICA AO NÍVEL MÉDIA DO MAR (hPa)

ATMOSPHERIC PRESSURE AT MEAN SEA LEVEL (hPa)

	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	平均 MÉD	最高 MÁX	最低 MÍN
1	1023.9	1023.6	1024.0	1024.5	1024.8	1025.0	1025.7	1026.1	1026.2	1026.0	1025.4	1028.1	1023.6
2	1024.0	1023.7	1024.1	1024.6	1025.2	1025.7	1026.1	1026.1	1026.0	1025.6	1025.8	1027.7	1023.7
3	1021.6	1021.1	1020.9	1021.4	1022.1	1022.6	1023.2	1023.3	1023.3	1023.2	1023.8	1026.3	1020.9
4	1020.9	1021.0	1021.0	1021.3	1021.3	1021.6	1021.9	1022.2	1022.3	1022.0	1022.3	1024.2	1020.9
5	1019.2	1018.9	1019.1	1019.4	1019.6	1020.0	1020.6	1021.1	1021.2	1021.0	1021.0	1023.1	1018.9
6	1019.3	1018.8	1019.1	1019.3	1019.7	1020.1	1020.5	1020.9	1020.7	1020.5	1020.4	1022.1	1018.8
7	1017.6	1017.2	1017.4	1017.5	1017.8	1018.3	1018.9	1019.3	1019.1	1018.6	1019.2	1021.4	1017.2
8	1016.1	1015.7	1015.7	1015.9	1016.4	1017.0	1017.6	1017.7	1017.6	1017.1	1017.4	1019.6	1015.7
9	1014.3	1014.1	1014.5	1015.0	1015.1	1015.5	1015.6	1015.6	1015.7	1015.4	1016.0	1017.7	1014.1
10	1013.5	1012.8	1012.8	1013.0	1013.2	1013.4	1013.9	1014.3	1014.3	1014.2	1014.6	1016.8	1012.8
11	1011.8	1011.6	1011.6	1012.0	1012.2	1012.6	1013.1	1013.6	1014.0	1014.2	1013.6	1015.8	1011.6
12	1013.1	1012.6	1013.0	1013.6	1013.9	1014.4	1015.0	1015.5	1015.8	1015.9	1014.5	1016.4	1012.6
13	1017.2	1017.0	1017.5	1018.2	1018.8	1019.5	1020.1	1020.8	1021.0	1021.0	1018.2	1021.0	1015.8
14	1018.5	1018.4	1019.1	1020.0	1020.5	1020.9	1021.6	1021.8	1021.5	1021.3	1021.2	1024.0	1018.4
15	1022.0	1021.7	1021.9	1022.5	1023.4	1024.2	1024.8	1025.4	1025.8	1025.6	1023.4	1025.8	1021.4
16	1023.6	1023.6	1024.0	1024.8	1025.4	1025.5	1025.9	1026.5	1026.5	1026.6	1025.9	1028.4	1023.6
17	1024.2	1023.4	1023.2	1023.5	1023.8	1024.5	1024.9	1024.9	1025.4	1025.2	1025.8	1028.8	1023.2
18	1020.2	1019.8	1019.6	1020.0	1020.6	1020.6	1021.2	1021.5	1021.3	1021.0	1022.6	1025.3	1019.6
19	1017.4	1017.2	1017.3	1017.5	1017.6	1018.3	1018.7	1018.9	1019.2	1019.2	1019.3	1021.3	1017.2
20	1014.7	1014.4	1014.4	1014.7	1015.3	1015.9	1016.5	1016.6	1016.9	1017.0	1016.8	1018.9	1014.4
21	1015.2	1014.8	1014.9	1015.5	1016.0	1016.6	1017.3	1017.8	1018.3	1018.5	1016.8	1018.7	1014.8
22	1017.9	1017.5	1017.8	1018.4	1018.8	1019.6	1020.3	1020.8	1020.8	1020.5	1019.5	1021.6	1017.5
23	1020.1	1019.8	1020.2	1020.6	1021.0	1021.4	1021.5	1021.7	1022.0	1022.0	1021.2	1022.8	1019.8
24	1022.8	1023.0	1023.5	1023.0	1023.4	1023.9	1024.2	1024.2	1024.6	1024.2	1023.6	1025.9	1021.7
25	1020.5	1020.7	1020.7	1021.5	1021.7	1022.0	1022.1	1021.9	1022.3	1022.0	1022.3	1024.2	1020.5
26	1020.3	1020.5	1020.3	1020.8	1021.0	1021.7	1022.0	1022.4	1022.1	1022.4	1021.4	1022.7	1020.2
27	1019.8	1019.8	1019.8	1020.2	1020.6	1020.9	1021.1	1021.0	1020.9	1020.5	1021.5	1023.8	1019.8
28	1015.2	1014.9	1015.0	1015.8	1016.3	1017.2	1017.7	1017.7	1017.3	1017.2	1017.6	1020.1	1014.9
29	1016.2	1016.6	1017.1	1016.7	1016.9	1017.2	1017.9	1018.3	1018.4	1018.0	1017.6	1020.6	1016.1
30	1019.1	1019.0	1018.9	1019.4	1019.8	1020.4	1021.4	1022.0	1021.8	1022.0	1019.6	1022.0	1017.2
31	1021.0	1020.4	1020.7	1021.3	1021.4	1022.3	1022.8	1023.1	1023.0	1022.7	1022.1	1024.5	1020.4
平均 MÉD											1020.3	1022.6	1018.3
全月 MÉS												1028.8	1011.6

氣溫 (°C)

TEMPERATURA DO AR (°C)

AIR TEMPERATURE (°C)

	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h
1	11.8	11.4	10.9	10.3	9.9	9.6	9.4	9.5	10.2	11.3	12.4	13.4	14.0	14.6
2	11.6	11.2	10.5	10.0	9.7	9.4	9.2	9.2	10.3	11.4	12.6	13.5	14.3	15.2
3	11.4	11.1	11.4	11.5	10.8	10.5	10.5	11.0	12.7	13.9	15.5	16.4	17.5	18.1
4	12.9	12.5	13.0	13.4	12.5	12.4	12.3	12.5	14.0	16.0	17.4	18.7	18.8	20.6
5	13.6	13.1	13.1	13.0	12.6	12.2	11.8	12.0	14.5	16.2	18.2	19.5	20.7	22.0
6	16.3	16.2	15.2	14.9	14.7	14.6	14.7	14.9	16.1	17.7	19.6	21.3	22.6	22.6
7	16.8	16.6	16.4	16.0	16.2	16.2	16.5	16.6	17.3	19.2	20.6	21.7	23.4	24.9
8	18.9	19.3	19.4	19.6	19.4	19.3	19.1	19.0	19.9	20.1	21.9	23.4	23.3	23.0
9	19.1	19.3	19.4	19.3	19.4	18.7	18.4	18.2	20.3	22.8	25.1	26.3	26.5	25.0
10	19.8	19.9	19.9	19.9	19.8	19.8	19.8	19.3	19.4	19.6	20.9	21.8	22.0	21.9
11	19.9	19.5	19.6	19.6	19.5	19.5	19.4	19.5	20.3	20.8	22.8	23.3	24.0	22.8
12	19.9	19.9	19.6	19.5	19.4	19.4	19.4	19.7	20.4	22.9	24.9	26.2	26.4	25.9
13	19.9	20.0	20.0	19.4	18.9	18.9	18.9	18.0	17.2	17.7	19.3	18.6	19.8	20.6
14	13.9	13.3	12.7	12.6	12.3	12.0	11.8	11.3	11.7	12.4	13.1	14.2	14.8	15.0
15	15.3	14.6	13.8	13.0	12.5	12.4	12.0	11.5	12.8	13.1	13.6	14.6	14.5	14.2
16	11.9	11.4	11.1	10.5	10.0	9.9	9.5	9.3	9.5	10.1	10.6	11.6	12.6	13.0
17	11.1	10.6	10.4	10.2	10.1	9.9	9.5	9.3	9.7	9.7	9.8	9.7	8.8	8.7
18	9.6	9.5	9.2	9.0	9.0	8.9	9.1	9.0	9.7	10.2	11.4	12.6	13.9	14.4
19	15.3	15.2	15.1	15.3	14.4	14.2	14.1	14.6	15.7	16.0	16.8	16.9	17.0	17.2
20	16.8	16.4	16.2	16.2	16.0	15.6	15.6	15.7	16.8	18.2	21.4	22.8	21.9	21.4
21	15.6	14.7	13.9	13.3	12.8	12.5	12.1	12.0	13.4	15.7	17.1	17.9	19.0	20.0
22	13.3	13.1	12.9	12.7	12.7	12.8	12.6	12.6	13.4	14.9	15.3	15.9	17.0	18.2
23	12.9	12.3	11.9	11.8	11.9	12.0	11.7	11.7	12.3	13.3	14.6	15.8	16.7	17.0
24	15.7	15.4	15.0	14.5	12.7	12.5	12.6	12.4	12.0	11.2	11.0	10.9	11.0	11.0
25	11.0	10.2	10.1	9.8	9.8	9.6	9.5	9.5	9.4	9.3	9.9	9.9	10.1	10.0
26	10.2	10.2	10.2	10.3	10.4	10.4	10.1	10.2	10.0	9.9	9.9	9.8	9.9	9.6
27	7.8	7.6	7.5	7.3	7.3	7.3	7.3	7.2	7.3	7.5	7.7	7.7	7.7	8.0
28	7.8	7.8	7.8	7.8	7.7	7.5	7.5	7.7	8.1	8.3	8.7	9.7	11.2	12.1
29	8.7	8.7	8.1	8.0	8.1	8.4	9.1	10.3	9.9	8.4	8.1	8.8	9.3	9.9
30	9.1	9.0	8.8	8.7	8.5	8.4	8.2	8.2	8.4	8.2	8.1	8.2	8.1	7.5
31	6.9	6.7	6.6	6.5	6.5	6.4	6.2	5.9	5.8	6.0	6.2	6.3	6.5	6.8

氣溫 (°C)

TEMPERATURA DO AR (°C)

AIR TEMPERATURE (°C)

	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	平均 MÉD	最高 MÁX	最低 MÍN
1	14.9	14.9	14.4	13.1	12.7	13.3	13.2	13.2	12.6	12.0	12.2	15.0	9.4
2	15.7	15.6	15.1	13.2	12.0	11.4	11.2	11.1	11.2	11.1	11.9	15.8	9.0
3	18.6	18.5	17.1	15.2	14.4	13.9	13.3	14.0	13.1	12.7	13.9	18.7	10.4
4	19.9	18.4	17.4	16.1	15.3	15.3	15.3	14.9	14.3	13.9	15.3	20.8	12.2
5	22.1	21.4	20.2	17.9	16.9	16.6	16.5	16.5	16.5	16.4	16.4	22.4	11.6
6	22.1	21.0	19.7	17.9	17.4	17.1	17.0	17.1	17.1	17.1	17.7	22.8	14.5
7	26.0	25.1	23.4	21.3	20.5	19.9	19.4	19.4	19.2	18.9	19.6	26.3	15.9
8	22.3	21.9	20.5	19.4	18.9	18.9	18.9	18.7	18.7	18.8	20.1	23.8	18.6
9	24.4	23.7	22.7	21.0	20.4	19.8	19.4	19.3	19.6	19.7	21.2	26.7	18.2
10	21.2	20.9	20.6	20.1	19.8	19.6	19.5	19.5	19.6	19.6	20.2	22.8	19.3
11	22.9	22.3	21.5	20.7	20.3	19.9	19.9	19.5	19.4	19.6	20.7	24.1	19.3
12	25.1	25.5	24.8	22.5	21.1	21.1	20.9	20.5	20.5	20.6	21.9	26.7	19.3
13	20.0	19.7	19.4	19.0	18.5	17.6	16.8	15.8	14.9	14.3	18.5	20.6	14.2
14	15.9	16.4	15.8	15.5	15.4	15.5	15.6	15.6	15.7	15.6	14.1	16.7	11.2
15	14.6	15.0	15.2	15.2	15.0	14.8	14.4	13.7	13.1	12.4	13.8	15.6	11.5
16	13.7	13.6	13.7	13.4	13.5	13.5	13.2	12.7	12.2	11.7	11.8	13.9	9.2
17	9.1	9.3	9.3	9.4	9.5	9.6	9.9	9.7	9.3	9.5	9.7	11.6	8.6
18	14.7	14.3	14.3	14.1	14.2	14.7	15.3	14.7	14.1	15.3	12.1	15.4	8.9
19	17.2	17.3	17.1	17.0	16.9	16.8	16.9	16.9	16.9	16.8	16.2	17.4	14.1
20	21.4	21.0	20.6	19.2	17.9	17.3	17.3	17.2	17.1	16.5	18.2	23.6	15.6
21	20.0	20.2	19.6	18.1	16.9	15.7	15.1	14.5	14.0	13.9	15.8	20.3	12.0
22	18.9	19.1	18.7	17.3	16.2	15.5	14.6	14.2	13.8	13.6	15.0	19.1	12.4
23	17.1	17.3	17.2	16.7	16.4	16.2	16.2	16.2	16.0	15.9	14.6	17.4	11.5
24	10.4	10.3	10.7	11.0	11.1	11.1	11.2	11.1	11.2	11.2	12.0	15.9	10.1
25	10.0	10.0	9.9	9.8	9.9	10.1	10.2	10.3	10.4	10.4	10.0	11.3	9.3
26	9.3	9.3	9.0	8.7	8.5	8.3	8.2	8.1	7.9	7.9	9.4	10.5	7.8
27	8.0	7.9	7.8	7.8	7.8	7.7	7.7	7.8	7.8	7.7	7.6	8.1	7.1
28	12.0	11.7	11.3	10.9	10.1	9.8	9.3	9.1	9.4	9.0	9.3	12.1	7.4
29	9.7	9.4	9.2	9.2	9.3	9.5	9.4	9.3	9.3	9.0	9.0	10.5	8.0
30	7.3	7.5	7.7	7.7	7.7	7.6	7.4	7.4	7.1	7.0	8.0	9.2	6.9
31	7.1	7.2	7.0	6.9	6.8	6.8	6.7	6.9	6.7	6.6	6.6	7.3	5.7
平均 MÉD											14.3	17.5	11.9
全月 MÉS												26.7	5.7

露點 (°C)**PONTO DE ORVALHO (°C)****DEW POINT (°C)**

	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h
1	-0.2	-0.1	-1.2	-1.8	-1.8	-2.0	-2.1	-1.9	-2.2	-2.6	-3.8	-3.9	-4.6	-4.8
2	-3.1	-2.2	-1.9	-2.0	-2.2	-1.3	-1.4	-1.1	-1.6	-1.9	-2.3	-2.8	-2.3	-2.8
3	2.0	4.0	4.8	2.8	2.0	2.0	3.2	3.7	3.2	2.4	1.1	-0.1	0.1	-0.1
4	1.1	2.5	5.6	6.9	5.2	8.9	9.7	10.5	11.0	11.3	11.4	10.3	9.2	9.2
5	10.5	9.9	9.9	9.6	9.3	8.0	6.7	7.6	9.5	9.7	9.2	6.5	7.8	7.9
6	10.4	10.8	9.7	11.0	11.4	11.4	12.0	11.6	11.7	12.5	13.2	12.9	13.5	13.3
7	13.9	13.4	13.8	13.3	13.2	12.9	12.2	12.8	12.5	14.1	11.6	11.7	12.1	12.5
8	14.4	13.6	13.8	14.2	14.0	14.5	13.9	13.7	14.0	14.1	14.3	14.1	15.4	14.6
9	16.4	16.1	15.7	15.5	15.5	15.4	15.4	15.1	15.6	16.6	16.4	16.5	16.3	15.8
10	18.1	18.3	18.3	18.3	17.9	18.0	18.1	17.6	17.4	17.5	17.7	17.7	17.4	17.8
11	18.9	18.6	18.8	18.8	18.7	18.7	18.7	18.8	19.5	19.9	20.2	20.0	19.9	19.4
12	19.0	19.0	18.7	18.6	18.5	18.5	18.5	18.8	19.4	20.4	19.5	19.5	18.6	18.3
13	15.7	15.7	17.8	17.6	17.1	17.0	17.0	14.5	13.8	12.8	12.8	12.0	12.5	12.7
14	8.1	7.7	7.3	6.9	6.6	6.0	6.0	6.1	5.8	6.4	6.8	7.1	7.2	7.4
15	8.4	8.4	7.7	8.1	6.9	7.0	6.9	6.9	7.0	7.2	7.3	7.0	7.1	6.6
16	5.4	5.3	5.2	4.7	4.1	4.4	5.0	5.5	5.8	5.8	5.9	5.6	5.9	5.9
17	4.9	4.8	5.0	4.9	4.9	5.1	4.3	4.3	3.8	3.7	4.1	4.6	6.8	6.8
18	7.5	7.4	7.4	7.5	7.8	7.7	7.9	7.6	7.8	8.0	8.6	9.2	9.7	9.8
19	13.1	13.0	13.0	13.1	11.6	11.7	11.6	12.0	12.7	12.7	12.9	13.1	13.4	13.7
20	15.0	14.7	14.6	14.7	14.5	14.4	14.4	14.6	15.6	15.8	15.8	15.6	14.9	14.9
21	13.1	12.0	11.3	10.7	10.2	9.9	9.3	9.0	9.5	10.1	9.8	10.3	10.6	11.3
22	8.2	7.8	7.7	7.7	7.8	8.1	7.8	7.8	7.8	8.4	8.6	8.8	9.2	9.3
23	6.7	6.2	6.0	6.1	6.2	6.2	5.9	5.8	6.1	6.2	7.0	7.0	7.5	7.4
24	7.6	7.3	7.1	7.2	8.4	7.4	7.4	7.2	7.6	7.0	7.1	7.2	6.6	6.9
25	7.6	8.3	8.5	8.4	8.2	8.4	8.4	8.5	8.4	8.4	9.0	9.1	9.2	9.2
26	9.4	9.3	9.4	9.5	9.5	9.5	9.3	9.3	9.1	9.1	9.1	8.9	8.8	8.4
27	6.8	6.6	6.6	6.4	6.3	6.2	6.0	6.0	6.0	6.1	6.3	6.3	6.2	6.4
28	7.0	7.0	7.0	7.1	7.0	6.8	6.9	7.0	7.4	7.7	8.1	9.0	10.1	9.3
29	7.9	7.9	7.3	7.3	7.4	7.6	8.4	9.6	9.2	7.7	7.4	8.1	8.4	8.5
30	7.5	7.6	7.4	7.5	7.4	7.3	7.2	7.2	7.4	7.3	7.1	7.1	6.8	6.4
31	6.2	6.0	5.9	5.8	5.8	5.7	5.5	5.1	5.0	5.1	5.3	5.4	5.6	5.7

露點 (°C)

PONTO DE ORVALHO (°C)

DEW POINT (°C)

	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	平均 MÉD	最高 MÁX	最低 MÍN
1	-4.2	-5.7	-4.3	-5.1	-5.9	-4.2	-1.7	-3.8	-2.8	-1.9	-3.0	-0.1	-5.9
2	-2.0	-2.9	-2.8	-2.9	-3.7	-2.7	-3.3	-2.3	-1.5	-2.3	-2.3	-1.1	-3.7
3	0.5	-0.4	-0.6	1.5	0.8	-2.3	-2.6	-2.0	-2.3	0.9	1.0	4.8	-2.6
4	10.0	10.3	10.4	9.6	10.6	10.5	10.8	10.9	10.6	10.3	9.0	11.4	1.1
5	4.7	3.4	3.1	9.8	9.1	10.3	10.7	10.2	9.7	9.3	8.4	10.7	3.1
6	13.3	13.0	14.6	14.5	14.6	14.8	14.4	14.8	14.7	14.1	12.8	14.8	9.7
7	11.9	10.9	11.1	11.1	10.9	11.0	11.8	13.0	13.5	14.2	12.5	14.2	10.9
8	14.2	13.9	14.4	14.5	14.3	14.4	15.3	16.0	16.2	16.2	14.5	16.2	13.6
9	16.1	16.4	16.8	16.9	16.8	16.9	17.2	17.3	17.7	17.9	16.3	17.9	15.1
10	18.0	17.9	18.0	18.0	18.1	18.2	18.2	18.3	18.5	18.6	18.0	18.6	17.4
11	19.7	19.5	19.5	19.3	19.2	18.8	19.0	18.5	18.4	18.7	19.1	20.2	18.4
12	17.1	14.3	17.8	16.3	15.0	14.3	14.2	16.2	15.1	14.6	17.5	20.4	14.2
13	12.1	11.9	12.1	11.8	10.6	9.7	9.2	8.5	8.4	8.0	13.0	17.8	8.0
14	8.0	7.8	8.1	8.1	8.5	8.3	8.3	8.7	8.4	9.0	7.4	9.0	5.8
15	6.9	6.7	6.8	7.0	7.4	7.1	7.4	6.4	6.2	5.7	7.1	8.4	5.7
16	6.3	6.1	6.3	6.1	6.4	6.2	5.9	5.9	5.6	4.8	5.6	6.4	4.1
17	6.9	6.9	7.0	7.4	7.4	7.7	7.6	7.6	7.8	7.6	5.9	7.8	3.7
18	9.9	10.2	10.9	10.8	11.3	12.0	12.1	12.4	11.5	12.7	9.5	12.7	7.4
19	13.8	13.9	13.7	14.0	14.2	14.4	14.5	14.6	14.8	15.0	13.4	15.0	11.6
20	15.1	15.1	15.8	15.4	14.8	14.7	14.5	14.8	15.4	14.3	15.0	15.8	14.3
21	11.1	11.3	11.0	11.5	8.9	8.6	8.5	8.8	8.5	8.8	10.2	13.1	8.5
22	10.1	10.1	10.2	10.5	8.8	8.3	7.5	7.2	6.8	7.0	8.4	10.5	6.8
23	7.4	7.5	7.9	7.8	7.2	7.3	7.3	7.0	6.9	7.2	6.8	7.9	5.8
24	8.1	7.9	7.4	8.0	8.1	7.8	8.1	8.0	7.7	7.7	7.5	8.4	6.6
25	9.2	9.2	9.1	9.0	9.1	9.3	9.4	9.5	9.6	9.6	8.8	9.6	7.6
26	8.1	8.1	7.7	7.6	7.5	7.3	7.1	7.1	6.9	6.8	8.4	9.5	6.8
27	6.2	6.1	6.3	6.4	6.5	6.7	6.7	6.8	6.9	6.8	6.4	6.9	6.0
28	9.3	9.3	9.2	8.9	8.7	8.6	8.3	8.2	8.5	8.2	8.1	10.1	6.8
29	7.8	7.5	7.5	7.6	7.8	7.9	7.7	7.5	7.6	7.3	7.9	9.6	7.3
30	6.4	6.7	6.9	6.9	6.9	6.8	6.7	6.6	6.3	6.2	7.0	7.6	6.2
31	5.6	5.5	5.3	5.2	5.1	5.3	5.2	5.7	5.5	5.5	5.5	6.2	5.0
平均 MÉD											9.2	11.0	7.3
全月 MÉS												20.4	-5.9

相對濕度 (%)

HUMIDADE RELATIVA (%)

RELATIVE HUMIDITY (%)

	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h
1	43	45	43	43	44	44	44	45	42	38	32	30	27	26
2	36	39	42	43	43	47	47	48	43	39	35	32	32	29
3	52	61	64	55	54	56	60	61	52	46	38	33	31	29
4	44	50	61	65	61	79	84	87	82	74	68	58	53	48
5	82	81	81	80	80	76	71	74	72	65	55	43	43	40
6	68	70	70	77	81	81	84	81	75	72	67	58	56	56
7	83	81	85	84	83	81	76	78	73	72	56	53	49	46
8	75	69	70	71	71	74	72	71	69	68	62	56	61	59
9	85	82	79	78	78	81	82	82	75	68	59	55	53	56
10	90	90	91	90	89	89	90	90	88	88	82	78	75	78
11	94	95	95	95	95	95	95	95	95	94	85	81	78	81
12	95	95	95	95	95	94	94	94	94	86	72	66	62	63
13	77	76	87	89	89	89	89	80	80	73	66	65	63	60
14	68	69	69	68	68	67	68	70	67	67	66	62	61	60
15	64	66	67	72	69	69	71	73	68	68	65	60	61	60
16	64	66	67	67	66	69	73	77	77	74	73	67	63	62
17	66	67	69	70	70	72	70	71	67	66	68	71	87	88
18	87	87	88	90	92	92	92	91	88	86	83	80	75	73
19	86	86	87	87	83	85	85	84	83	81	78	78	79	80
20	89	90	91	91	91	92	93	93	93	86	70	63	65	66
21	85	84	84	84	85	84	83	81	77	69	62	61	58	57
22	71	70	71	71	72	73	73	72	69	65	64	63	60	56
23	66	67	67	68	68	68	68	67	66	62	60	56	54	53
24	59	58	59	61	75	71	71	71	74	75	77	78	74	76
25	80	88	90	91	90	92	93	94	94	94	94	94	95	95
26	95	94	95	95	95	95	94	94	94	94	95	94	93	92
27	94	94	94	94	94	93	92	92	91	91	91	91	90	89
28	95	95	95	95	95	95	95	95	96	96	96	95	93	83
29	95	95	95	95	95	95	95	95	95	95	95	95	94	91
30	90	90	91	92	93	93	93	93	94	94	93	93	92	93
31	95	95	95	95	95	95	95	95	95	94	94	93	93	93

相對濕度 (%)

HUMIDADE RELATIVA (%)

RELATIVE HUMIDITY (%)

	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	平均 MÉD	最高 MÁX	最低 MÍN
1	26	24	27	28	27	29	36	30	34	38	35	49	24
2	29	28	29	33	33	37	36	39	41	39	37	49	27
3	29	28	30	40	39	33	33	33	34	44	43	66	25
4	53	59	63	66	73	73	75	77	78	79	67	87	39
5	32	31	32	59	60	66	69	66	64	63	62	82	30
6	57	60	73	80	84	86	85	87	86	82	74	87	54
7	41	41	46	52	54	57	61	67	69	74	65	85	38
8	60	61	68	73	75	75	80	84	85	85	70	86	55
9	60	63	69	78	80	83	87	88	89	89	75	90	53
10	82	83	85	87	90	91	92	93	93	94	87	94	73
11	82	84	88	92	93	94	94	94	94	94	91	95	77
12	61	50	65	68	68	65	65	76	71	68	77	95	50
13	60	61	63	63	60	60	61	61	65	66	71	90	58
14	59	56	60	62	63	62	62	63	62	65	64	75	56
15	60	58	57	58	60	60	63	62	63	63	64	73	56
16	61	60	61	61	62	61	61	63	64	63	66	78	59
17	86	85	86	87	87	88	86	87	90	88	78	90	63
18	73	77	80	80	83	84	82	86	84	84	84	92	72
19	80	80	80	82	84	85	85	86	87	89	83	89	77
20	67	69	74	79	82	85	84	86	90	87	82	93	59
21	57	57	58	65	59	63	65	68	69	71	70	86	56
22	56	56	58	64	62	62	62	63	63	64	65	74	54
23	53	52	55	55	54	55	55	54	55	56	60	69	52
24	86	85	80	82	82	80	82	81	79	79	75	87	55
25	95	95	95	95	95	95	95	94	95	95	93	95	78
26	92	92	92	93	93	93	93	93	93	93	94	95	92
27	88	89	90	91	92	93	93	94	94	94	92	94	88
28	84	85	87	87	91	93	93	94	94	95	92	96	83
29	88	88	89	89	90	90	89	89	89	89	92	96	87
30	94	94	95	95	95	95	95	95	95	95	93	95	89
31	90	89	89	89	89	90	90	92	92	92	93	96	89
平均 MÉD											74	85	60
全月 MÉS												96	24

雨量 (毫米)

PRECIPITAÇÃO (mm)

RAINFALL (mm)

	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	VST	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	VST	VST	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	VST	0.0	0.0	0.0	0.0	0.0	0.0
15	VST	VST	0.0	0.0	0.0	VST	VST	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	0.0	VST	VST	0.0	0.0	VST	VST	2.6	0.2
18	0.0	0.0	0.0	0.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	VST	0.0	0.0	VST	0.2	0.0	VST	VST	0.0	VST	VST	VST	0.0	VST
25	VST	1.0	VST	0.4	0.6	0.6	0.4	1.4	VST	0.2	0.2	VST	0.2	0.8
26	0.0	VST	0.2	0.0	0.0	0.0	0.0	0.0	VST	VST	0.0	0.0	0.0	0.0
27	VST	VST	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	VST	VST	VST	VST	VST	VST	0.2	VST	VST	0.0	0.0	0.0	0.0	0.0
29	0.0	VST	VST	VST	VST	VST	0.2	VST	VST	VST	VST	VST	0.0	0.0
30	VST	0.0	0.0	0.2	VST	0.0	VST	VST	VST	VST	VST	VST	0.4	1.8
31	0.2	0.2	VST	VST	VST	0.2	0.2	VST	0.0	0.0	0.0	VST	VST	0.0

雨量(毫米)

PRECIPITAÇÃO (mm)

RAINFALL (mm)

	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	總數 TOTAL	時最高 MÁX 1h
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	VST	VST
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	VST	VST
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	VST	VST
15	0.0	0.0	VST	VST	VST	VST	0.0	0.0	0.0	0.0	VST	VST
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.0	VST	VST	0.0	VST	VST	VST	0.0	2.8	2.6
18	0.0	0.0	0.0	0.0	VST	VST	0.0	VST	VST	VST	0.8	0.6
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	VST	VST	VST	VST	0.0	0.0	0.0	0.0	0.0	VST	0.2	0.2
25	2.4	0.8	0.4	0.2	VST	VST	0.2	0.2	VST	VST	10.0	2.4
26	0.0	VST	VST	VST	VST	VST	VST	VST	VST	VST	0.2	0.2
27	0.0	0.0	0.0	0.0	VST	VST	VST	VST	VST	VST	VST	VST
28	0.0	0.0	0.0	0.0	VST	VST	VST	VST	0.2	VST	0.4	0.2
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
30	0.6	5.2	0.8	0.6	VST	0.4	0.4	0.6	0.2	0.2	11.4	5.2
31	0.0	0.0	0.0	0.0	VST	VST	VST	0.0	0.0	0.0	0.8	0.2
全月 MÊS											26.8	5.2

平均風速 (km/h)

VENTO-VELOCIDADE MÉDIA (km/h)

MEAN WIND SPEED (km/h)

	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h
1	31	31	31	31	28	33	28	29	31	28	27	23	24
2	20	22	25	25	26	26	24	22	25	24	23	20	18
3	8	11	13	14	18	15	16	17	15	16	15	16	14
4	5	2	3	4	10	12	12	12	12	11	12	10	7
5	1	6	9	9	11	12	11	7	9	13	13	13	11
6	9	7	3	3	4	2	1	2	6	11	10	9	8
7	5	2	3	3	13	16	11	8	11	8	12	13	10
8	4	3	3	3	1	1	3	6	5	3	6	4	8
9	12	5	7	4	2	7	11	6	9	4	4	5	6
10	9	7	7	7	5	6	8	13	14	18	20	17	18
11	13	13	12	11	9	11	11	12	13	16	14	12	13
12	1	1	4	1	1	1	1	1	5	4	5	4	5
13	4	3	10	12	9	6	10	16	17	21	22	22	22
14	30	34	36	34	34	30	29	26	27	27	26	24	20
15	18	21	24	23	25	24	26	26	25	23	20	19	18
16	29	31	26	31	30	29	32	32	31	28	26	30	24
17	30	29	27	25	25	26	28	26	25	24	24	21	20
18	25	24	26	23	22	19	21	23	20	19	17	12	12
19	12	12	14	13	11	10	7	5	18	26	22	16	16
20	6	5	7	6	4	11	9	9	2	3	4	3	9
21	10	13	12	10	12	14	17	17	18	18	21	18	14
22	8	11	12	12	12	14	18	19	19	17	14	14	12
23	12	16	16	18	18	21	22	22	24	24	20	23	20
24	23	21	21	24	26	26	25	26	26	29	26	28	28
25	22	22	23	24	24	23	23	21	22	22	22	22	21
26	19	18	18	20	18	16	19	19	18	16	19	21	20
27	27	29	29	28	28	28	30	29	28	27	25	24	24
28	19	16	18	18	17	12	14	15	15	17	17	14	15
29	15	16	23	19	19	23	16	19	19	22	21	19	19
30	20	15	14	13	12	13	15	17	15	19	22	20	23
31	26	28	26	24	22	24	23	22	28	27	26	27	30

平均風速 (km/h)

VENTO-VELOCIDADE MÉDIA (km/h)

MEAN WIND SPEED (km/h)

	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	平均 MÉD
1	21	20	22	19	18	18	19	20	22	25	25	25
2	15	13	10	7	4	4	4	1	6	5	4	16
3	12	10	10	10	10	7	8	6	1	1	2	11
4	3	6	11	12	9	7	4	4	1	1	1	7
5	8	6	3	3	8	6	8	10	8	7	8	8
6	8	7	10	14	12	9	12	13	11	9	7	8
7	8	5	4	7	8	10	11	13	12	8	6	9
8	9	9	7	9	13	14	14	15	15	14	14	8
9	10	10	14	13	12	11	16	17	18	14	10	9
10	20	17	17	15	13	12	14	15	14	11	12	13
11	12	11	11	11	12	14	13	9	7	4	2	11
12	8	8	7	9	6	5	4	2	5	5	6	4
13	20	17	15	14	18	18	17	18	21	25	28	16
14	18	17	12	14	12	12	15	14	13	15	16	22
15	20	21	20	20	19	19	23	25	25	28	31	23
16	24	24	25	22	23	24	27	27	26	26	26	27
17	20	19	18	20	24	26	27	28	29	27	26	25
18	12	11	11	11	11	10	9	8	10	8	11	16
19	14	15	11	7	6	8	9	8	8	5	6	12
20	10	11	13	11	8	4	6	1	3	8	9	7
21	13	12	10	6	4	8	11	7	7	4	8	12
22	14	15	11	10	10	13	14	14	13	13	12	13
23	16	17	16	14	14	14	16	20	20	20	20	18
24	28	27	28	26	21	22	24	21	22	22	22	25
25	18	20	22	22	22	19	17	17	18	18	18	21
26	25	25	25	27	29	28	29	28	27	25	26	22
27	23	25	23	24	23	23	20	22	20	20	21	25
28	13	14	12	12	12	14	11	16	10	14	14	14
29	19	20	22	23	24	26	23	18	16	16	25	20
30	26	29	29	28	31	30	28	28	24	25	25	22
31	32	29	27	25	24	25	25	24	25	24	26	26
平均 MÉD												16.0

風向

DIRECÇÃO DO VENTO

WIND DIRECTION

	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h
1	N	N	N	N	N	N	NNE	N	N	N	N	N
2	NNE	NNE	N	N	N	N	N	N	N	N	N	N
3	NNW	N	N	N	N	N	N	N	N	N	N	N
4	ESE	NE	ENE	ENE	N	N	N	N	N	N	N	N
5	C	NW	NNW	N	N	NNW	NNW	NNW	N	N	N	N
6	E	E	N	ENE	ENE	N	C	N	N	N	N	N
7	E	E	NNW	N	N	NNW	NNW	NNW	NNW	N	N	N
8	SSE	ESE	SSE	SE	C	C	NNW	NNW	N	NE	N	N
9	SSE	SE	SE	SE	ESE	N	N	N	N	N	ENE	E
10	SE	SE	E	ENE	NE	ESE	ESE	SE	SE	SE	SE	SE
11	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SSE	SE	SE
12	C	C	SSE	C	C	C	C	C	N	ENE	E	N
13	NNW	NE	E	E	E	ENE	N	N	NNW	N	N	N
14	N	N	N	N	N	N	N	N	N	N	N	N
15	N	N	N	N	N	N	N	N	N	N	N	N
16	N	N	N	N	NNW	N	N	N	N	N	N	N
17	N	N	N	N	N	N	N	N	N	N	N	N
18	N	N	N	N	N	N	N	N	N	N	N	N
19	ESE	ESE	E	ENE	N	N	N	SE	SE	SE	ESE	ESE
20	E	ESE	ESE	E	NNW	N	N	N	NNW	NNW	NNE	NE
21	NW	NW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	N	N
22	NW	NW	NNW	NNW	NNW	N	N	N	N	N	NNE	NNE
23	NW	NNW	NNW	NNW	NNW	N	N	N	N	N	N	N
24	N	N	N	N	N	N	N	N	N	N	N	N
25	N	N	N	N	N	NNE	N	N	N	N	N	N
26	N	N	N	N	NNW	N	N	N	N	N	N	N
27	N	N	N	N	N	N	N	N	N	N	N	N
28	N	NNW	N	N	NNW	NNW	NNW	NNW	NNW	NNW	N	N
29	NNW	NNW	NNW	NNW	N	N	N	N	NNW	NNW	NNW	NNW
30	N	N	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW
31	N	N	N	N	N	N	N	N	N	N	N	N

風向

DIRECÇÃO DO VENTO

WIND DIRECTION

	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h
1	N	N	N	N	N	N	N	N	N	NNE	NNE	NNE
2	NNE	NNE	NNE	NNE	NNE	NNE	N	N	C	N	NNW	NNW
3	N	N	NNE	NNE	N	N	NNW	NNW	NNW	C	C	ESE
4	N	NNE	SE	SE	SE	SE	SSE	SE	ESE	C	C	C
5	N	NNE	NNE	N	E	SE	SSE	SSE	SSE	SSE	SE	SE
6	N	N	E	SE	SE	SSE	SSE	SSE	SSE	SSE	SSE	SSE
7	N	N	N	SE	SE	SSE	S	S	SSE	S	S	S
8	ESE	SE	SE	SE	SSE	SSE	SSE	SE	SSE	SSE	SSE	SSE
9	E	SE	SE	SE	SE	SSE	SSE	SSE	SSE	SSE	SE	SE
10	SE	SE	SE	SE	SE	SE	SSE	SSE	SE	SE	SSE	SSE
11	SE	SE	SE	SE	SE	SSE	SSE	SSE	SE	SE	SE	SE
12	E	SE	SE	SE	SE	SSE	S	S	S	SE	SE	E
13	N	N	N	N	N	N	N	N	N	NNW	N	N
14	N	N	N	N	N	N	N	N	NNE	NNE	NNE	N
15	N	N	N	N	N	N	N	N	N	N	N	N
16	N	N	N	N	N	N	N	N	NNE	N	N	N
17	N	N	N	N	N	N	N	N	N	N	N	N
18	N	NNE	NNE	NNE	NNE	NNE	NNE	ENE	ENE	NNE	N	ESE
19	ESE	ESE	ESE	ESE	E	ESE	ESE	ESE	ESE	ESE	ENE	E
20	SE	SE	SE	SE	SE	SE	SE	S	C	S	W	WNW
21	NNE	NNE	NNE	NNE	NNE	NNE	NW	NW	NW	NNW	NNW	NNW
22	N	NNE	N	NNE	NNE	N	N	NNW	NNW	NNW	NW	NNW
23	N	NNE	N	N	N	N	NNW	N	N	N	N	N
24	N	N	N	N	N	NNE	NNE	N	N	N	N	N
25	N	N	N	N	N	N	N	N	N	N	N	N
26	N	N	N	N	N	N	N	N	N	N	N	N
27	N	N	N	N	N	N	N	N	N	N	N	N
28	N	NNE	NNE	NNE	N	NNW	NNW	NNW	NW	NNW	NNW	NW
29	NNW	NNW	NNW	NNW	NNW	N	N	N	NNW	NNW	N	N
30	N	N	N	N	N	N	N	N	N	N	N	N
31	N	N	N	N	N	N	N	N	N	N	N	N

風
VENTO
WIND

	最高風速 (km/h) 及其相對風向		最高陣風 (km/h)	盛行風向	時數
	Velocidade máxima e direção correspondente				
1	33	N	59	N	20
2	26	N	44	N	13
3	18	N	29	N	15
4	12	N SE	21	N	9
5	13	N	22	N	8
6	14	SE	23	N	9
7	16	NNW	30	N	8
8	15	SSE	26	SSE	9
9	18	SSE	31	SE	9
10	20	SE	37	SE	15
11	16	SSE	27	SSE	13
12	9	SE	17	C	7
13	28	N	48	N	16
14	36	N	59	N	21
15	31	N	48	N	24
16	32	N	55	N	22
17	30	N	53	N	24
18	26	N	43	N	14
19	26	SE	41	ESE	13
20	13	SE	23	SE	7
21	21	N	34	NNW	10
22	19	N	32	N	9
23	24	N	43	N	17
24	29	N	53	N	22
25	24	N	45	N	23
26	29	N	49	N	23
27	30	N	50	N	24
28	19	N	32	NNW	12
29	26	N	50	NNW	15
30	31	N	54	N	14
31	32	N	52	N	24

雲量 (0 - 10)**NEBULOSIDADE (0 - 10)****CLOUDINESS (0 - 10)**

	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h
1	0	0	0	0	0	0	2	1	0	0	0	3	1
2	1	1	1	0	0	0	0	1	1	0	0	0	0
3	0	0	0	2	2	2	3	2	0	1	3	2	2
4	0	0	0	0	0	0	3	2	0	0	0	0	0
5	3	0	0	0	0	0	3	2	2	0	0	0	0
6	0	0	0	0	0	0	9	9	9	8	4	3	7
7	0	0	0	0	0	8	9	9	8	8	9	9	9
8	2	2	2	4	6	6	9	9	9	9	8	8	8
9	6	7	7	8	7	7	8	3	2	2	2	2	2
10	9	9	9	9	9	9	9	9	9	9	8	6	7
11	10	10	10	10	10	10	10	10	9	8	9	6	9
12	10	10	6	8	9	9	9	9	7	6	4	3	2
13	7	7	7	7	9	9	9	9	9	8	8	9	9
14	8	8	8	8	8	8	9	9	9	9	8	8	9
15	9	9	9	9	9	9	9	8	9	9	9	9	9
16	9	9	9	9	9	9	9	9	9	9	9	8	9
17	9	9	9	9	9	9	9	9	9	9	9	9	9
18	9	9	9	9	9	9	9	9	9	9	9	9	9
19	9	9	9	9	9	9	9	8	8	9	9	9	9
20	9	8	8	8	9	9	9	9	8	7	4	3	1
21	2	1	1	1	2	2	0	0	0	1	3	2	0
22	8	9	9	9	9	9	9	9	9	9	9	9	9
23	4	4	4	7	7	6	9	9	9	8	8	9	8
24	9	9	9	9	9	9	9	9	9	9	9	9	9
25	9	9	9	9	9	9	9	9	9	9	9	10	10
26	9	9	9	9	9	9	9	9	9	9	9	9	9
27	9	9	9	9	9	9	9	9	9	9	9	9	9
28	10	10	10	10	10	10	10	10	10	10	10	9	9
29	10	10	10	10	10	10	10	10	10	10	10	9	10
30	10	10	10	10	10	10	10	10	10	10	10	10	10
31	10	10	10	10	10	10	10	10	10	9	9	9	9

雲量 (0 - 10)

NEBULOSIDADE (0 - 10)

CLOUDINESS (0 - 10)

	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	平均 MÉD
1	1	3	2	1	1	2	2	2	2	2	1	1
2	0	0	0	0	0	0	0	0	0	0	0	0
3	2	1	0	0	3	2	1	1	1	1	0	1
4	2	6	4	4	4	3	4	4	4	3	3	2
5	0	0	6	7	4	4	4	4	2	2	2	2
6	7	7	7	3	2	2	0	0	0	0	0	3
7	7	2	1	1	1	1	1	1	4	8	5	4
8	8	8	8	7	4	2	4	4	6	6	6	6
9	4	3	4	7	8	7	4	1	4	9	9	5
10	9	9	9	9	9	9	9	9	9	9	9	9
11	9	9	9	9	9	10	10	10	10	10	10	9
12	2	3	1	1	1	1	1	0	0	1	2	4
13	9	9	9	9	9	9	9	8	8	7	7	8
14	9	8	8	8	9	9	9	9	9	9	9	8
15	9	9	9	9	9	9	9	9	9	9	9	9
16	9	8	8	8	9	9	9	9	9	9	9	9
17	9	9	9	9	9	9	9	9	9	9	9	9
18	9	9	9	9	9	9	9	9	9	9	9	9
19	9	9	9	9	9	9	9	9	9	9	9	9
20	1	1	1	1	1	1	1	1	1	1	2	4
21	1	1	2	3	3	7	7	9	3	7	7	3
22	9	7	3	1	2	4	3	7	8	7	4	7
23	8	8	9	8	8	9	9	9	7	8	9	8
24	9	9	9	9	9	9	9	9	9	9	9	9
25	10	10	10	10	10	9	9	9	9	9	9	9
26	9	9	9	9	9	9	9	9	9	9	9	9
27	9	9	9	9	9	9	9	9	9	9	10	9
28	9	9	9	10	10	10	10	10	10	10	10	10
29	10	10	10	10	10	10	9	10	10	10	10	10
30	10	10	10	10	10	10	10	10	10	10	10	10
31	10	10	10	10	10	10	10	10	10	10	10	10
平均 MÉD												6.7

各級雲底高度統計

NÚMERO DE VEZES QUE A ALTURA DA BASE DAS NUVENS MAIS BAIXAS FOI OBSERVADA ENTRE LIMITES ESPECIFICADOS
 NUMBER OF TIMES THE HEIGHT OF THE BASE OF LOWEST CLOUDS WAS BETWEEN SPECIFIED LIMITS

	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h
0 - 50m	1	2	1	1	1	1	1	1	0	0	0	0	0
50 - 100m	1	0	0	1	1	0	0	0	0	0	0	0	0
100 - 200m	0	0	2	1	1	2	2	2	2	1	1	1	0
200 - 300m	2	2	1	1	0	0	0	1	2	2	1	0	1
300 - 600m	3	3	3	3	3	3	3	2	3	5	7	7	5
600 - 1000m	17	17	17	17	18	20	21	21	17	17	16	18	19
1000 - 1500m	0	0	0	0	0	0	0	0	0	0	0	0	0
1500 - 2000m	0	0	0	0	0	0	0	0	0	0	0	0	0
2000 - 2500m	0	0	0	0	0	0	0	0	0	0	0	0	0
> 2500m	7	7	7	7	7	5	4	4	7	6	6	5	6

	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	總數 TOTAL
0 - 50m	0	0	0	0	0	1	0	0	0	0	0	10
50 - 100m	0	0	0	1	1	0	1	1	1	1	1	10
100 - 200m	0	0	0	0	1	1	1	1	1	2	1	23
200 - 300m	1	2	2	1	0	0	0	0	0	0	2	21
300 - 600m	6	6	6	8	7	6	4	4	3	4	3	107
600 - 1000m	19	18	17	13	14	16	17	16	19	18	18	420
1000 - 1500m	0	0	0	0	0	0	0	0	0	0	0	0
1500 - 2000m	0	0	0	0	0	0	0	0	0	0	0	0
2000 - 2500m	0	0	0	0	0	0	0	0	0	0	0	0
> 2500m	5	5	6	8	8	7	8	9	7	6	6	153

能見度 (公里)

VISIBILIDADE (km)

VISIBILITY (km)

	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h	14h
1	15	12	12	12	12	12	12	12	12	12	12	12	12	12
2	12	12	12	12	12	12	15	12	12	10	10	10	10	10
3	10	10	10	8	8	8	6	8	10	10	10	10	10	8
4	6	6	6	6	6	6	5	5	5	5	5	5	6	10
5	8	8	8	8	6	6	5	5	4	3	3	4	4	4
6	10	10	10	10	8	8	5	5	5	8	8	8	10	10
7	8	10	10	8	8	8	5	3	4	4	5	5	5	5
8	10	10	12	10	8	8	5	5	5	5	5	5	5	5
9	10	10	10	8	8	8	5	5	5	4	4	5	5	5
10	5	5	5	5	5	5	4	3	4	4	4	4	4	3
11	0.2	0.2	0.2	0.2	0.5	0.2	0.2	0.5	0.8	2	1	2	1	1
12	0.3	0.2	1	0.8	0.8	2	4	3	4	4	4	6	8	8
13	18	18	15	15	12	8	8	3	3	5	5	5	5	5
14	10	10	10	10	10	10	10	10	10	10	10	10	8	6
15	10	10	12	12	12	12	6	6	6	6	6	6	6	6
16	8	10	10	10	10	10	6	6	6	6	8	8	8	8
17	12	10	10	10	10	10	6	6	6	6	5	5	5	5
18	8	8	8	8	6	6	3	3	3	5	5	5	5	5
19	10	10	10	10	8	5	4	4	5	8	8	7	7	8
20	10	10	10	10	10	8	6	5	5	5	6	8	8	8
21	3	4	4	5	5	5	5	5	5	5	5	5	5	5
22	6	6	6	6	6	6	5	5	5	5	5	5	5	5
23	8	8	8	8	6	6	4	4	4	4	4	5	5	5
24	10	10	10	10	10	8	6	6	6	6	5	6	6	5
25	6	6	6	6	5	5	4	4	4	3	4	3	4	3
26	6	5	5	5	5	4	4	4	3	3	3	4	5	5
27	8	6	8	8	10	10	10	8	8	6	5	5	5	5
28	4	3	2	2	1	1	1	1	2	3	3	3	3	4
29	3	3	3	5	6	6	5	5	4	4	5	8	10	10
30	8	8	6	8	8	8	6	5	5	5	5	8	5	4
31	6	8	10	10	10	10	6	6	6	6	5	5	5	6

能見度 (公里)

VISIBILIDADE (km)

VISIBILITY (km)

	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	最高 MÁX	最低 MÍN
1	15	15	15	15	12	12	12	12	12	12	15	12
2	10	10	8	8	10	10	10	10	10	10	15	8
3	8	10	8	6	10	10	10	8	8	6	10	6
4	10	12	15	15	15	12	12	12	12	12	15	5
5	4	4	4	4	6	8	8	8	8	8	8	3
6	10	10	8	8	8	10	10	10	10	10	10	5
7	5	6	6	6	8	8	10	10	10	10	10	3
8	6	8	6	5	10	10	10	10	10	10	12	5
9	6	6	6	6	6	8	6	6	6	5	10	4
10	3	3	2	2	3	3	2	1	0.6	0.6	5	0.6
11	0.8	0.6	0.2	0.1	0.1	0.3	0.3	0.3	0.3	0.3	2	0.1
12	8	8	12	12	12	25	30	30	30	25	30	0.2
13	5	5	5	5	8	10	10	10	10	10	18	3
14	8	8	8	6	6	10	10	10	10	10	10	6
15	6	6	6	6	8	8	8	8	8	8	12	6
16	8	8	8	8	10	12	12	12	12	12	12	6
17	5	5	5	5	5	6	6	6	8	8	12	5
18	5	5	5	5	6	10	10	6	10	10	10	3
19	8	10	10	8	10	10	10	10	10	10	10	4
20	8	8	8	8	8	10	10	8	8	5	10	5
21	5	5	4	4	5	6	6	6	6	6	6	3
22	5	5	5	5	6	6	6	6	8	8	8	5
23	5	5	5	5	8	10	10	10	10	10	10	4
24	4	4	4	4	6	6	6	6	6	6	10	4
25	1	1	3	4	8	10	8	8	8	6	10	1
26	4	5	5	4	5	5	5	6	6	8	8	3
27	5	5	4	4	5	5	5	5	5	3	10	3
28	4	4	3	2	1	1	1	2	2	3	4	1
29	8	5	5	5	6	8	10	10	10	10	10	3
30	4	4	5	5	10	10	10	6	8	8	10	4
31	8	6	6	6	10	10	10	10	10	10	10	5
全月 MÊS											30	0.1

總輻射量 (10^{-2} MJ m⁻²)

RADIAÇÃO GLOBAL (10^{-2} MJ m⁻²)

GLOBAL RADIATION (10^{-2} MJ m⁻²)

	5-6h	6-7h	7-8h	8-9h	9-10h	10-11h	11-12h	12-13h	13-14h	14-15h	15-16h	16-17h	17-18h	18-19h	總數	時最高
															TOTAL	MÁX 1h
1	0	2	36	103	167	217	243	247	220	171	107	35	2	0	1550	247
2	0	2	38	107	173	222	248	247	220	170	104	32	2	0	1565	248
3	0	2	37	103	169	217	245	244	223	174	107	34	2	0	1557	245
4	0	2	35	96	161	209	237	240	215	168	100	34	2	0	1499	240
5	0	1	30	85	154	207	228	226	202	153	92	30	2	0	1410	228
6	0	1	26	80	159	192	237	216	173	169	106	38	2	0	1399	237
7	0	1	19	80	122	152	161	197	214	169	108	38	2	0	1263	214
8	0	1	15	46	80	126	185	175	122	96	50	39	4	0	939	185
9	0	1	25	102	171	217	243	247	198	180	125	32	2	0	1543	247
10	0	0	9	32	58	148	196	114	83	62	41	17	1	0	761	196
11	0	1	23	99	142	195	214	187	121	85	42	16	2	0	1127	214
12	0	1	47	128	187	231	255	261	239	191	124	44	3	0	1711	261
13	0	0	1	23	77	100	118	141	148	73	43	13	1	0	738	148
14	0	0	18	54	69	143	150	145	111	131	75	30	3	0	929	150
15	0	1	25	85	101	145	138	88	90	66	49	20	1	0	809	145
16	0	1	18	64	75	125	157	154	136	126	74	34	2	0	966	157
17	0	0	8	25	59	45	51	56	48	42	22	7	1	0	364	59
18	0	1	21	29	51	56	82	82	74	35	18	8	0	0	457	82
19	0	2	18	54	82	79	78	76	66	45	26	11	1	0	538	82
20	0	2	17	86	183	237	264	267	242	193	125	43	3	0	1662	267
21	0	3	39	105	170	204	239	241	213	150	99	34	2	0	1499	241
22	0	1	18	78	131	125	146	176	194	165	119	40	3	0	1196	194
23	0	2	26	64	134	165	188	192	160	112	64	26	2	0	1135	192
24	0	1	8	28	39	43	60	42	34	32	10	4	1	0	302	60
25	0	0	2	6	12	12	12	14	15	14	10	4	0	0	101	15
26	0	0	4	10	20	29	34	32	22	20	14	5	0	0	190	34
27	0	1	9	18	28	34	35	39	42	30	20	9	1	0	266	42
28	0	1	10	23	37	63	111	152	94	74	42	11	1	0	619	152
29	0	0	3	8	8	25	52	48	45	24	14	8	1	0	236	52
30	0	0	5	14	16	17	20	22	12	6	8	2	0	0	122	22
31	0	1	7	11	20	22	32	30	30	33	20	7	0	0	213	33
全月															28666	267
MÊS																
平均															925	
MÉD																

漫射太陽輻射量 (10^{-2} MJ m⁻²)

RADIAÇÃO DIFUSA (10^{-2} MJ m⁻²)

DIFFUSE SOLAR RADIATION (10^{-2} MJ m⁻²)

	5-6h	6-7h	7-8h	8-9h	9-10h	10-11h	11-12h	12-13h	13-14h	14-15h	15-16h	16-17h	17-18h	18-19h	總數	時最高
															TOTAL	MÁX 1h
1	0	2	23	46	58	61	62	60	55	47	36	19	2	0	471	62
2	0	1	19	36	46	51	53	52	49	43	33	18	1	0	402	53
3	0	1	20	38	50	54	54	52	48	38	31	18	2	0	406	54
4	0	1	22	44	57	64	61	56	52	47	37	21	2	0	464	64
5	0	1	18	40	50	54	57	59	54	49	38	19	2	0	441	59
6	0	1	23	67	76	91	86	105	102	46	38	21	2	0	658	105
7	0	1	17	56	81	125	137	125	68	35	27	17	2	0	691	137
8	0	1	14	42	71	99	125	129	98	80	46	29	3	0	737	129
9	0	1	13	34	44	47	50	47	74	46	44	28	2	0	430	74
10	0	0	8	28	52	125	149	98	69	56	38	16	1	0	640	149
11	0	0	22	89	102	140	127	128	99	70	38	15	2	0	832	140
12	0	1	35	76	66	48	37	31	30	27	24	16	3	0	394	76
13	0	0	1	21	64	82	105	122	106	68	40	12	1	0	622	122
14	0	0	16	49	64	112	125	121	98	106	64	27	2	0	784	125
15	0	1	21	70	87	122	122	82	84	61	45	19	1	0	715	122
16	0	1	16	58	69	110	129	134	124	112	66	30	2	0	851	134
17	0	0	7	23	56	41	47	51	44	39	20	7	1	0	336	56
18	0	1	19	27	48	52	77	77	70	33	17	7	0	0	428	77
19	0	1	16	48	76	74	73	72	62	42	24	10	1	0	499	76
20	0	2	16	65	67	54	47	45	39	36	30	19	2	0	422	67
21	0	2	26	53	69	85	83	82	76	76	45	22	2	0	621	85
22	0	1	16	69	108	113	132	145	127	66	36	20	2	0	835	145
23	0	2	24	59	111	140	150	145	128	99	58	23	1	0	940	150
24	0	0	7	25	36	40	56	39	32	30	9	3	0	0	277	56
25	0	0	2	5	11	11	11	13	14	12	9	4	0	0	92	14
26	0	0	4	9	18	27	32	30	21	18	13	4	0	0	176	32
27	0	0	8	17	26	32	32	36	39	27	19	8	1	0	245	39
28	0	1	9	21	34	58	103	136	88	68	39	10	0	0	567	136
29	0	0	3	7	7	23	48	44	42	22	13	7	1	0	217	48
30	0	0	4	13	15	15	18	20	10	5	7	2	0	0	109	20
31	0	1	6	10	19	20	30	28	28	30	18	7	0	0	197	30
全月															15499	150
MÊS																
平均															500	
MÉD																

直接太陽輻射 (Wm⁻²)

INTENSIDADE DA RADIAÇÃO DIRECTA (Wm⁻²)

DIRECT SOLAR RADIATION (Wm⁻²)

	9h			12h			15h		
	濾黃光	濾紅光	無濾鏡	濾黃光	濾紅光	無濾鏡	濾黃光	濾紅光	無濾鏡
	Filtro RG2	Filtro OG1	Sem filtro	Filtro RG2	Filtro OG1	Sem filtro	Filtro RG2	Filtro OG1	Sem filtro
1	369	346	542	---	---	---	---	---	---
2	394	369	572	488	448	747	415	386	608
3	369	350	530	484	443	738	448	414	666
4	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---
17	---	---	---	---	---	---	---	---	---
18	---	---	---	---	---	---	---	---	---
19	---	---	---	---	---	---	---	---	---
20	---	---	---	---	---	---	467	419	740
21	---	---	---	---	---	---	---	---	---
22	---	---	---	---	---	---	---	---	---
23	---	---	---	---	---	---	---	---	---
24	---	---	---	---	---	---	---	---	---
25	---	---	---	---	---	---	---	---	---
26	---	---	---	---	---	---	---	---	---
27	---	---	---	---	---	---	---	---	---
28	---	---	---	---	---	---	---	---	---
29	---	---	---	---	---	---	---	---	---
30	---	---	---	---	---	---	---	---	---
31	---	---	---	---	---	---	---	---	---

最低草溫, 土壤溫度, 海水溫度, 雨量及日照量

TEMPERATURAS : MÍNIMA NA RELVA, DO SOLO E DA ÁGUA DO MAR, PRECIPITAÇÃO E INSOLAÇÃO

MINIMUM GRASS TEMPERATURE, SOIL TEMPERATURE, SEA TEMPERATURE, PRECIPITATION AND INSOLATION

溫度 Temperaturas (°C)								
	最低草溫	土壤溫度 do solo				09時海水溫度	雨量 (mm) (09- 09)	日照量 (h)
	Mín na relva	10cm	20cm	50cm	100cm	Água do mar (9h)	Precipitação (mm) (09 - 09)	Insolação (h)
1	7.1	18.0	18.6	20.9	22.9	---	0.0	8.8
2	6.3	18.0	18.2	20.3	22.8	---	0.0	9.2
3	8.2	17.5	17.7	19.8	22.4	---	0.0	9.1
4	8.8	17.5	18.1	19.8	22.3	---	0.0	8.9
5	9.5	17.1	17.7	19.8	22.0	---	0.0	8.9
6	8.5	17.4	17.5	20.0	22.3	---	0.0	5.8
7	9.8	18.5	18.7	20.3	21.8	---	0.0	5.2
8	12.5	19.3	19.5	20.7	22.4	---	0.0	1.7
9	14.8	20.0	20.1	21.1	21.8	---	0.0	8.2
10	17.0	21.1	21.2	21.5	21.7	---	VST	0.3
11	19.0	20.5	21.5	21.8	22.0	---	0.0	2.7
12	15.0	22.4	22.3	22.3	22.2	---	0.0	8.8
13	12.5	20.5	22.0	22.7	22.2	---	VST	0.7
14	9.3	19.3	20.0	22.2	22.3	---	VST	0.5
15	10.4	18.5	19.2	21.7	22.4	---	VST	0.3
16	9.8	17.4	18.4	21.2	22.3	---	VST	0.2
17	8.8	17.4	17.8	20.7	22.3	---	VST	0.0
18	7.3	17.1	17.3	19.6	22.0	---	3.6	0.0
19	12.5	18.6	17.2	19.6	21.8	---	VST	0.0
20	13.3	17.7	17.9	19.8	21.6	---	0.0	7.8
21	9.7	18.0	18.6	20.5	21.5	---	0.0	8.7
22	10.6	18.0	18.5	20.5	21.5	---	0.0	3.4
23	9.7	17.6	18.5	20.3	21.4	---	0.0	0.8
24	10.7	17.6	18.3	20.3	21.4	---	0.2	0.0
25	9.2	16.5	16.8	19.8	21.4	---	4.4	0.0
26	10.5	16.6	16.8	19.0	21.3	---	5.8	0.0
27	7.1	16.3	16.6	18.2	21.0	---	VST	0.0
28	7.5	16.2	16.8	18.2	21.0	---	0.2	0.0
29	8.0	16.0	16.6	17.6	20.4	---	0.4	0.0
30	8.0	15.5	15.7	17.4	20.3	---	0.2	0.0
31	6.0	15.2	15.8	16.5	20.0	---	12.0	0.0
平均 MÉD	10.2	18.0	18.4	20.1	21.8	---		3.2
全月 MÊS	6.0						26.8	100.0

蒸發量, 地表狀況及天氣概況

EVAPORAÇÃO, ESTADO DO SOLO E EVOLUÇÃO DO TEMPO

EVAPORATION, SOIL STATUS AND WEATHER PHENOMENOM

蒸發量 (mm) 及附隨觀測

Evaporação (mm) e Observações complementares

水溫 Temperatura da água (°C)

	蒸發計	蒸發盤	最高	最低	風程 (km)	地表狀況	天氣概況
	Piche	Tina da classe A	MÁX	MÍN	Percurso do vento	Estado do solo	Evolução do tempo
1	5.7	6.2	18.6	4.2	261	0	
2	5.0	5.4	17.4	3.8	228	0	
3	4.6	4.7	18.2	3.8	97	0	
4	4.0	4.7	20.6	5.7	66	0	NB BS a
5	2.4	2.9	23.5	9.2	28	0	BS a.p
6	3.4	4.2	23.5	8.9	52	0	NB BS a
7	2.1	4.6	25.5	11.5	77	0	BS a.p
8	3.7	3.9	26.5	13.0	46	0	BS a.p
9	2.5	4.7	24.7	15.2	79	0	NB a; BS a.p; NB n
10	2.1	3.9	29.4	15.8	91	1	NB m.a; CH a; BS a.p; NB p.n; NV n
11	0.8	2.5	24.5	16.6	114	0	NV m.a; NB a.p; BS p; NV p.n
12	0.6	1.6	27.8	17.9	47	0	NV m; NB m.a; BS a
13	2.4	2.8	32.0	16.4	46	0	CH NB a; BS a.p
14	3.9	6.7	22.0	8.5	198	0	CH a
15	3.8	6.0	20.0	9.2	191	0	CH m.a.p.n
16	3.7	5.8	16.7	6.8	186	0	
17	3.0	3.4	16.2	6.0	236	0	CH a.p; NB p; CH n
18	1.6	1.9	11.0	5.6	194	2	CH m; NB a.p; BS p; CH n
19	1.3	2.4	14.5	6.6	102	0	NB m.a
20	1.2	2.6	19.0	11.7	98	0	NB a.n
21	1.6	3.5	28.1	10.8	62	0	NB m.a; BS a.p.n
22	2.9	3.8	25.0	9.5	87	0	BS a.p
23	2.3	3.1	21.0	8.6	112	0	BS a.p
24	1.9	2.9	19.7	7.9	166	1	CH m.a.p.n
25	1.5	1.9	12.5	6.9	250	1	CH m.a; NB a.p; CH p.n
26	0.2	0.8	10.6	6.7	167	1	CH m.a.p; NB m.a.p.n; CH n
27	0.3	1.0	11.5	4.9	196	0	CH m; NB a.p.n; CH CV n
28	0.5	0.6	9.5	4.6	148	1	CV m.a; NB m.a.p.n; CV n
29	0.3	0.3	15.6	4.6	110	2	NB CH m.a; NB p
30	0.6	0.9	11.4	4.5	112	1	CH m.a; CV a; NB a.p; CH p.n
31	0.2	0.3	9.5	4.2	173	2	CH m.a; NB a.p; CH p.n
平均 MÉD			19.5	8.7			
全月 MÊS	70.1	100.0	32.0	3.8	4020		

九澳氣候觀測站
ESTAÇÃO CLIMATOLÓGICA DE KA-HÓ (COLOANE)

平均風速 (km/h)

VENTO-VELOCIDADE MÉDIA (km/h)

MEAN WIND SPEED (km/h)

	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h	13h
1	39	42	42	41	41	38	39	37	36	35	34	31	30
2	30	30	30	29	29	32	32	32	26	30	31	28	24
3	4	8	8	18	18	16	19	19	18	20	21	19	17
4	0	1	1	0	5	5	7	9	11	14	16	14	12
5	0	2	3	5	8	5	4	3	11	14	15	15	14
6	3	1	3	3	0	1	1	3	8	14	13	13	13
7	1	1	3	4	8	10	8	5	10	12	15	15	13
8	1	0	1	0	0	1	0	2	5	4	5	6	6
9	7	3	2	1	0	6	10	5	8	6	7	6	4
10	4	3	4	4	5	2	6	8	11	13	11	9	10
11	5	6	8	7	6	7	7	4	5	7	6	7	5
12	0	2	1	1	1	2	1	4	6	4	6	6	6
13	2	5	13	17	18	13	13	20	17	24	26	29	28
14	34	41	42	41	42	34	33	30	32	33	34	29	27
15	23	26	28	29	30	32	32	29	29	28	28	28	27
16	29	33	30	30	27	33	35	32	32	29	31	35	32
17	36	35	33	33	34	34	34	30	29	27	28	26	21
18	31	27	29	28	26	23	25	24	25	24	19	16	16
19	11	11	20	17	15	11	4	3	9	11	11	10	10
20	7	4	7	8	4	10	9	7	5	4	6	5	7
21	13	8	7	6	8	11	13	16	15	20	25	24	22
22	8	7	10	12	11	16	23	24	26	23	25	23	22
23	8	11	14	13	15	24	25	26	27	27	28	27	25
24	26	26	23	28	26	26	30	32	35	36	35	33	33
25	27	26	29	27	28	31	26	26	27	27	29	27	25
26	24	18	22	23	17	17	22	21	20	19	27	28	29
27	33	32	32	30	31	33	35	31	30	30	29	30	30
28	20	18	25	20	15	9	10	11	14	20	19	20	19
29	13	13	18	17	21	22	15	17	13	18	18	19	19
30	25	18	12	13	15	12	12	16	15	16	17	19	25
31	30	31	28	29	29	26	20	25	28	29	29	28	34

平均風速 (km/h)

VENTO-VELOCIDADE MÉDIA (km/h)

MEAN WIND SPEED (km/h)

	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h	平均 MÉD
1	27	26	27	25	19	17	23	32	31	34	32	32
2	22	21	16	13	8	3	0	0	1	1	3	20
3	16	16	15	13	11	1	2	1	0	0	0	12
4	7	6	7	9	5	4	4	1	0	0	1	6
5	12	9	6	5	3	4	2	4	3	6	5	6
6	12	10	6	10	6	5	6	8	7	4	3	6
7	9	8	4	4	6	6	9	9	6	4	2	7
8	6	7	6	7	8	9	9	11	8	9	8	5
9	7	9	9	10	7	8	8	9	6	5	4	6
10	10	8	10	12	8	7	9	6	6	8	7	8
11	6	7	7	6	4	4	5	8	2	3	1	6
12	6	6	6	9	8	6	4	0	4	2	0	4
13	25	21	20	22	23	23	18	18	16	28	31	20
14	22	22	19	18	18	17	19	21	19	20	23	28
15	27	28	29	27	24	25	27	30	28	28	28	28
16	31	31	32	30	27	31	34	35	32	33	32	32
17	20	21	23	24	25	27	31	35	34	33	31	29
18	18	15	14	12	13	12	14	13	14	9	9	19
19	10	8	7	8	8	9	11	13	10	10	10	10
20	8	8	10	10	6	2	3	1	6	10	12	7
21	20	20	17	12	8	9	8	5	7	12	12	13
22	23	20	19	17	17	13	9	7	7	8	7	16
23	25	21	18	17	14	14	14	18	19	18	20	20
24	35	36	36	30	30	31	30	27	28	28	30	30
25	24	26	26	29	26	24	25	22	22	24	23	26
26	27	30	30	31	33	31	30	31	31	26	28	26
27	32	32	28	28	27	24	23	25	24	25	23	29
28	18	21	20	18	14	14	10	9	10	12	10	16
29	17	19	20	19	21	24	21	17	16	21	26	18
30	27	27	29	31	34	29	26	26	23	27	28	22
31	36	34	32	29	25	27	28	29	31	29	30	29

平均
MÉD

17.3

風向

DIRECÇÃO DO VENTO

WIND DIRECTION

	1h	2h	3h	4h	5h	6h	7h	8h	9h	10h	11h	12h
1	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE
2	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE
3	NNW	NNW	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE
4	C	C	C	C	NNW	N	N	N	NNE	NNE	NNE	NNE
5	C	NW	NW	N	NNE	N	N	NE	NNE	NNE	NNE	NNE
6	ENE	C	NNE	N	C	C	C	N	NNE	NNE	NNE	NNE
7	C	C	NW	NNE	N	N	NNE	N	NNE	NNE	NNE	NNE
8	C	C	C	C	C	C	C	NNE	NE	NE	NE	NE
9	SE	SE	SE	C	C	NNE	NNE	NNE	NNE	NE	NE	NE
10	SE	SE	NE	NE	NNE	NNE	NE	ESE	SE	SE	ESE	ESE
11	ESE	ESE	ESE	ESE	ESE	ESE	ESE	SE	SE	SE	SSE	S
12	C	NE	C	C	C	NNE	C	NE	NE	NE	NE	NE
13	NNW	NE	NE	NE	NE	NE	NNE	NNE	N	NNE	NNE	NNE
14	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE
15	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE
16	N	NNE	NNE	N	N	NNE	NNE	N	NNE	N	NNE	NNE
17	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE
18	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE
19	NE	NE	NE	NE	NNE	NNE	NNE	E	ESE	E	E	ENE
20	NE	NE	NE	NE	NNE	NNE	NNE	NNE	N	NE	NE	NNE
21	W	WNW	NW	N	N	NNW	NNW	N	N	N	NNE	NNE
22	NW	N	NNW	NNW	NNW	NNE	NNE	NNE	NNE	NNE	NNE	NNE
23	NW	N	NNW	N	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE
24	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE
25	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE
26	NNE	NNE	NNE	NNE	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE
27	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE
28	NNE	NNE	NNE	NNE	N	NNW	NNW	NNW	NNW	NNE	NNE	NNE
29	NNW	NNW	N	N	NNE	NNE	NNE	NNE	N	N	N	NNE
30	NNE	NNE	N	NNW	NNE	NNW	N	NNW	NNW	NNW	NNW	N
31	NNE	NNE	NNE	NNE	NNE	NNE	N	NNE	NNE	NNE	NNE	NNE

風向

DIRECÇÃO DO VENTO

WIND DIRECTION

	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h	24h
1	NNE	NNE	NNE	NNE	NNE	NNE	N	NNE	NNE	NNE	NNE	NNE
2	NNE	NNE	NNE	NNE	NNE	NE	NE	C	C	C	C	NW
3	NNE	NNE	NNE	NNE	NNE	NNE	C	NW	C	C	C	C
4	NNE	NE	NE	ESE	SE	SSE	SSE	SSE	C	C	C	C
5	NNE	NNE	NNE	NE	ENE	SE	S	SSW	SSW	SW	SE	SE
6	NNE	NNE	NE	ESE	ESE	S	SSE	S	S	SSE	SSE	S
7	NNE	NE	NE	NE	SE	S	S	S	S	S	S	SW
8	ENE	ESE	ESE	SE	SE	SE	SE	SE	SE	SSE	SE	SSE
9	NNE	SE	ESE	SE	S	S	S	SSE	SSE	SSW	SE	SE
10	SE	ESE	SE	ESE	ESE	ESE	SE	ESE	SE	ESE	SE	SE
11	ESE	ESE	S	S	SSE	SSE	SE	SE	S	ESE	ESE	C
12	NE	NE	SSE	SSE	S	S	SSW	SW	C	SE	SSE	C
13	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	N	NNE	NNE
14	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE
15	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	N
16	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE
17	N	N	N	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE
18	NNE	NNE	NNE	NNE	NNE	NNE	NE	NE	NE	NE	NNE	NE
19	E	E	E	E	NE	NE	NE	NE	NE	NE	NE	NE
20	NNE	SE	S	S	SSE	SSE	SSW	SW	C	W	W	W
21	NNE	NNE	NNE	NNE	NE	NNE	W	W	WNW	NNE	NNE	NNE
22	NNE	NNE	NNE	NNE	NNE	NNE	NNE	N	N	N	N	NNW
23	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE
24	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE
25	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE
26	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE
27	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE
28	NNE	NNE	NNE	NNE	NNE	NNE	NNW	NNW	N	NNW	NNE	N
29	N	N	N	N	N	NNE	NNE	NNE	NNW	NNW	NNE	NNE
30	N	N	N	NNE	NNE	NNE	N	NNE	N	N	NNE	NNE
31	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE	NNE

風
VENTO
WIND

	最高風速 (km/h)及其相對風向		最高陣風 (km/h)	盛行風向		時數 horas
	Velocidade máxima e direção correspondente			Direcção predominante		
1	42	NNE	62	NNE		23
2	32	NNE	49	NNE		17
3	21	NNE	30	NNE		15
4	16	NNE	24	C		8
5	15	NNE	26	NNE		8
6	14	NNE	21	NNE		7
7	15	NNE	24	NNE		7
8	11	SE	27	C SE		7
9	10	S NNE	23	SE		7
10	13	SE	34	SE		10
11	8	S ESE	22	ESE		11
12	9	S	15	NE		8
13	31	NNE	49	NNE		16
14	42	NNE	63	NNE		24
15	32	NNE	50	NNE		23
16	35	NNE	56	NNE		19
17	36	NNE	54	NNE		21
18	31	NNE	48	NNE		19
19	20	NE	34	NE		12
20	12	W	20	NE NNE		6
21	25	NNE	37	NNE		10
22	26	NNE	39	NNE		14
23	28	NNE	44	NNE		19
24	36	NNE	56	NNE		24
25	31	NNE	47	NNE		24
26	33	NNE	50	NNE		23
27	35	NNE	55	NNE		24
28	25	NNE	37	NNE		14
29	26	NNE	40	N NNE		10
30	34	NNE	56	N NNE		9
31	36	NNE	54	NNE		23

氣溫, 相對濕度, 日照量及雨量

TEMPERATURA DO AR, HUMIDADE RELATIVA, INSOLAÇÃO E PRECIPITAÇÃO

TEMPERATURE, RELATIVE HUMIDITY, INSOLATION AND PRECIPITATION

	氣溫 (°C)			相對濕度 (%)			日照量 (h)	雨量 (mm) (09-09)
	最高 MÁX	平均 MÉD	最低 MÍN	最高 MÁX	平均 MÉD	最低 MÍN		
	Temperaturas do ar			Humidade relativa			Insolação (h)	Precipitação (mm) (09-09)
1	17.2	13.5	10.5	53	41	27	9.2	0.0
2	17.9	12.7	9.3	61	45	31	8.6	0.0
3	20.6	14.1	9.2	74	52	30	9.2	0.0
4	22.3	15.5	10.9	89	71	51	8.8	0.0
5	23.4	16.3	11.4	90	70	36	8.0	0.0
6	24.0	18.0	13.7	89	77	57	7.0	0.0
7	25.5	19.3	15.3	92	74	47	6.7	0.0
8	24.8	20.2	17.5	85	76	57	3.2	0.0
9	26.2	21.6	18.6	90	78	58	8.1	0.0
10	23.3	21.0	20.1	93	87	75	2.6	0.0
11	25.9	21.9	20.3	95	89	75	3.0	0.0
12	27.1	22.1	18.6	94	83	54	7.0	0.0
13	21.4	19.2	15.6	93	75	62	0.9	0.0
14	17.9	15.3	12.6	75	68	59	1.7	0.0
15	16.7	14.9	12.9	75	67	60	0.9	0.0
16	14.9	12.9	10.6	78	69	62	0.8	0.0
17	12.9	11.1	10.4	89	77	66	0.0	0.0
18	16.1	13.2	10.3	90	84	74	0.0	1.0
19	18.5	17.1	15.2	88	83	78	0.0	0.2
20	24.0	19.1	16.3	91	82	63	6.9	0.0
21	21.8	16.7	13.4	87	73	60	6.3	0.0
22	20.2	16.1	13.4	77	67	57	5.4	0.0
23	18.5	15.7	12.7	71	63	55	1.7	0.0
24	16.9	13.4	11.8	84	75	60	0.0	0.0
25	12.7	11.1	10.3	95	93	79	0.0	5.2
26	11.5	10.7	9.2	95	93	90	0.0	4.4
27	9.2	8.9	8.4	93	91	88	0.0	0.0
28	13.0	10.5	8.6	94	91	84	0.0	0.2
29	11.5	10.4	9.3	95	90	84	0.0	0.4
30	10.5	9.3	8.0	96	92	87	0.0	0.0
31	8.4	7.7	6.8	96	93	88	0.0	14.0
平均 MÉD	18.5	15.1	12.6	86	76	63	3.4	
全月 MÊS	27.1		6.8	96		27	106.0	25.4

土壤溫度及蒸發量

TEMPERATURAS DO SOLO E EVAPORAÇÃO

SOIL TEMPERATURE AND EVAPORATION

蒸發量 (mm) 及附隨觀測

Evaporação (mm) e Observações complementares

水溫 Temperatura da água (°C)

	土壤溫度 Temperaturas do solo (°C)				蒸發計 Piche	蒸發盤 Tina da classe A	最高 MÁX	最低 MÍN	風程 (km) Percurso do vento
	10cm	20cm	50cm	100cm					
1	15.7	17.2	21.0	23.0	4.3	5.0	19.0	7.1	66
2	15.0	16.6	19.9	22.6	4.3	4.6	18.0	7.8	50
3	15.0	16.5	19.5	22.5	2.9	3.2	19.5	8.0	14
4	15.5	16.5	19.5	22.3	2.5	3.0	21.1	9.5	3
5	15.8	16.9	19.4	21.8	1.5	2.2	22.1	11.0	1
6	17.0	17.5	19.8	22.3	1.9	2.0	22.3	11.8	0
7	18.5	18.5	20.0	21.6	1.3	1.9	24.9	14.0	2
8	19.5	19.5	20.4	21.5	2.0	2.5	26.0	16.0	1
9	20.0	20.5	21.0	21.5	2.1	3.2	28.3	17.0	4
10	20.3	21.1	21.5	21.6	1.6	2.9	28.5	18.5	4
11	20.5	21.3	21.9	21.9	0.8	2.8	25.5	19.5	9
12	21.0	21.7	22.5	22.0	0.7	2.6	28.4	19.5	2
13	20.5	21.0	22.3	22.0	1.5	3.0	31.0	17.4	4
14	19.4	20.5	22.3	22.3	3.0	4.2	23.5	10.6	52
15	19.0	20.0	21.6	22.3	2.5	2.8	20.0	11.5	29
16	17.8	18.8	21.2	22.3	2.3	3.3	18.1	9.0	74
17	17.0	18.4	20.6	22.1	2.8	3.2	18.5	9.5	74
18	15.6	17.0	19.9	22.0	1.0	1.6	14.0	9.0	52
19	17.0	17.4	19.4	21.8	1.1	2.6	15.8	9.8	6
20	18.1	18.2	19.3	21.8	1.0	1.5	19.2	13.8	6
21	18.0	19.0	20.5	21.6	1.9	2.3	28.5	12.0	7
22	18.5	19.0	20.5	21.6	2.4	2.7	24.5	12.0	5
23	18.0	18.6	20.5	21.5	2.4	3.0	22.6	10.6	14
24	18.1	19.0	20.5	21.5	2.8	3.0	21.5	12.0	21
25	15.6	17.0	19.5	21.3	1.2	2.5	15.4	10.0	21
26	15.0	15.9	18.5	21.4	0.1	0.5	11.9	9.9	8
27	13.4	14.4	17.8	21.2	0.1	0.5	16.4	8.3	49
28	12.0	14.1	17.0	20.9	0.8	1.6	10.5	8.0	28
29	13.5	14.5	17.0	20.5	0.4	0.8	14.5	9.0	6
30	13.1	14.3	16.6	20.1	0.7	1.6	12.1	11.0	13
31	11.5	13.2	16.0	20.0	0.4	1.0	10.0	13.0	50
平均 MÉD	16.9	17.9	19.9	21.7			20.4	11.8	
全月 MÊS					54.3	77.6	31.0	7.1	675

遙距觀測站 ESTAÇÕES TELEMÉTRICAS

大炮台山

Fortaleza do Monte

紀念孫中山市政公園

Parque Municipal Dr. Sun Yat Sen

路環分站

Delegação (Coloane)

澳門污水處理廠

E.T.A.R de Macau

嘉樂庇總督大橋

Ponte Governador Nobre de Carvalho

友誼大橋北峰

Ponte de Amizade Norte

友誼大橋南峰

Ponte de Amizade Sul

氣溫 (°C)

TEMPERATURA DO AR (°C)

AIR TEMPERATURE (°C)

	大炮台山			紀念孫中山市政公園			澳門污水處理廠		
	Fortaleza do Monte			Parque Municipal Dr. Sun Yat Sen			E.T.A.R de Macau		
	最高 MÁX	平均 MÉD	最低 MÍN	最高 MÁX	平均 MÉD	最低 MÍN	最高 MÁX	平均 MÉD	最低 MÍN
1	15.5	12.6	9.7	15.5	12.7	9.6	---	---	---
2	15.3	12.3	9.6	15.9	12.3	9.4	15.2	14.1	13.1
3	18.1	14.0	10.5	18.6	13.7	9.4	18.0	14.8	11.7
4	18.3	14.8	12.1	18.9	14.5	10.4	17.8	15.7	13.4
5	20.4	16.4	12.7	20.7	15.9	11.0	20.0	17.1	14.4
6	21.4	17.2	14.0	21.7	17.0	13.0	20.0	17.9	16.0
7	24.5	19.6	15.9	25.1	19.5	15.0	23.3	19.8	16.9
8	22.3	19.8	18.3	23.6	20.0	17.7	21.4	20.0	18.6
9	23.8	20.8	19.0	25.8	21.3	18.7	23.9	20.9	19.1
10	20.8	20.1	19.5	22.4	20.9	20.1	21.3	20.4	19.7
11	22.6	20.4	19.3	24.0	21.2	20.0	21.6	20.4	19.5
12	25.0	21.4	19.0	27.2	21.4	19.4	23.4	21.1	19.3
13	21.3	18.8	14.4	21.3	18.8	14.4	21.8	19.1	14.6
14	16.8	14.4	11.7	17.4	14.6	11.7	17.0	14.7	12.0
15	16.0	14.1	11.8	16.1	14.2	12.0	16.4	14.2	11.9
16	15.0	11.9	9.0	14.8	12.1	9.2	14.7	12.1	9.3
17	11.8	10.0	8.7	12.0	10.2	8.8	12.2	10.3	8.9
18	15.7	12.5	9.1	15.9	12.9	9.3	16.0	12.9	9.5
19	17.9	16.4	14.8	18.5	17.1	15.1	17.9	16.7	15.0
20	21.0	17.9	16.0	22.7	18.3	15.8	20.7	18.0	16.1
21	20.9	15.9	12.2	21.3	16.1	12.2	20.5	16.5	13.3
22	19.8	15.1	12.6	20.3	15.4	12.7	19.3	15.6	12.9
23	18.1	14.8	11.5	18.4	15.0	11.6	18.0	15.3	12.1
24	16.5	12.5	10.7	16.7	12.7	11.0	17.0	12.8	10.9
25	11.9	10.3	9.5	12.0	10.5	9.8	12.1	10.7	9.8
26	10.6	9.5	7.8	10.7	9.7	8.1	11.3	10.1	8.4
27	8.5	7.9	7.5	8.5	8.1	7.6	8.7	8.2	7.8
28	12.7	9.1	7.2	13.4	9.7	7.7	12.7	9.7	7.9
29	10.1	8.9	7.6	10.5	9.2	8.2	11.0	9.6	8.4
30	9.2	7.9	7.1	9.7	8.3	7.3	10.0	8.6	7.6
31	7.8	6.9	5.8	8.0	7.1	5.9	8.2	7.3	6.5
平均 MÉD	17.1	14.3	12.1	17.7	14.5	12.0	<i>17.0</i>	<i>14.8</i>	<i>12.8</i>
全月 MÊS	25.0		5.8	27.2		5.9	23.9		6.5

相對濕度 (%)

HUMIDADE RELATIVA (%)

RELATIVE HUMIDITY (%)

	大炮台山			紀念孫中山市政公園			澳門污水處理廠		
	Fortaleza do Monte			Parque Municipal Dr. Sun Yat Sen			E.T.A.R de Macau		
	最高 MÁX	平均 MÉD	最低 MÍN	最高 MÁX	平均 MÉD	最低 MÍN	最高 MÁX	平均 MÉD	最低 MÍN
1	32	25	16	39	31	22	---	---	---
2	40	29	19	59	37	26	48	32	24
3	50	34	18	68	44	24	57	39	25
4	72	58	29	85	68	45	83	68	37
5	75	52	27	89	65	33	76	62	36
6	80	68	56	89	79	64	87	76	57
7	81	59	37	93	71	46	85	67	48
8	75	65	56	83	76	63	84	75	68
9	82	71	57	89	80	62	88	79	64
10	89	82	77	96	90	83	97	89	83
11	91	89	78	98	96	86	99	96	91
12	92	75	45	99	87	53	99	89	74
13	87	63	49	93	74	60	93	70	55
14	60	55	48	70	65	58	69	63	57
15	63	55	47	73	65	57	72	63	53
16	73	58	48	83	67	59	80	65	57
17	77	67	55	87	77	65	85	75	62
18	82	73	62	92	83	71	90	80	70
19	83	77	71	90	84	77	91	85	79
20	86	77	62	96	87	67	94	86	73
21	76	61	45	89	72	54	79	68	54
22	65	57	46	75	67	54	71	63	54
23	61	52	42	71	61	51	65	57	49
24	77	64	46	86	74	55	86	72	51
25	89	85	66	98	94	76	94	91	74
26	89	86	83	98	97	94	94	91	88
27	88	83	78	96	94	90	94	90	86
28	91	85	71	98	94	84	96	92	82
29	90	86	80	98	95	91	95	90	85
30	89	87	82	98	96	91	93	91	86
31	89	84	77	98	94	89	94	89	84
平均 MÉD	77	67	54	86	76	63	85	75	64
全月 MÊS	92		16	99		22	99		24

雨量 (毫米)

PRECIPITAÇÃO (mm)

RAINFALL (mm)

	大炮台山		紀念孫中山市政公園		澳門教科文中心		澳門污水處理廠	
	Fortaleza do Monte		Parque Municipal Dr. Sun Yat Sen		Centro Unesco de Macau		E.T.A.R de Macau	
	總數	時最高	總數	時最高	總數	時最高	總數	時最高
	TOTAL	MÁX 1h	TOTAL	MÁX 1h	TOTAL	MÁX 1h	TOTAL	MÁX 1h
1	0.0	0.0	0.0	0.0	0.0	0.0	---	---
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	0.0	0.0	0.2	0.2	0.2	0.2	0.0	0.0
18	0.2	0.2	0.4	0.2	0.4	0.2	0.0	0.0
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0
25	12.8	2.4	15.6	2.2	11.0	2.2	13.0	2.4
26	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2
27	0.0	0.0	0.2	0.2	0.0	0.0	0.0	0.0
28	0.2	0.2	0.2	0.2	0.0	0.0	0.0	0.0
29	0.4	0.2	0.4	0.2	0.2	0.2	0.2	0.2
30	12.4	6.0	10.2	4.8	12.4	5.6	12.2	5.6
31	1.0	0.4	0.6	0.2	0.6	0.2	0.6	0.2
最高 MÁX	12.8	6.0	15.6	4.8	12.4	5.6	13.0	5.6
總數 TOTAL	27.0		28.0		24.8		26.2	

風
VENTO
WIND

大炮台山				紀念孫中山市政公園			
Fortaleza do Monte				Parque Municipal Dr. Sun Yat Sen			
	盛行風向	平均風速 (km/h)	最高陣風 (km/h)	盛行風向	平均風速 (km/h)	最高陣風 (km/h)	
	Direcção predominante	Velocidade média	Rajada máxima	Direcção predominante	Velocidade média	Rajada máxima	
1	NNW	14.2	51.1	NNE	7.1	33.8	
2	NNW	10.0	37.4	NE	4.4	29.9	
3	NW	6.8	24.1	C	1.6	17.3	
4	NW	5.6	19.4	C	1.1	15.5	
5	NW	5.5	20.5	C	1.0	19.1	
6	NW	4.9	20.9	C	1.3	19.1	
7	NW	4.9	22.0	C	0.7	15.5	
8	ESE	4.8	18.4	C	1.6	18.4	
9	E	6.0	23.8	C	2.5	22.7	
10	E	7.2	27.4	SE	2.3	21.2	
11	E	5.9	22.0	C	1.9	15.8	
12	E	3.8	16.2	C	1.4	16.6	
13	NW	12.0	38.2	NNE	6.6	32.0	
14	NNW	13.2	48.2	NE	7.8	35.6	
15	NW	13.6	42.5	NNE	8.2	37.1	
16	NW	16.3	46.1	NNE	10.2	39.6	
17	NNW	14.9	41.8	NNE	7.7	35.3	
18	NW	7.9	32.0	NE	2.7	24.5	
19	E	6.4	32.8	C	1.3	24.1	
20	E	4.8	19.4	C	1.5	16.9	
21	NW	9.9	27.7	C	2.3	19.4	
22	NW	10.2	30.2	C	2.5	17.6	
23	NW	11.9	32.4	NE	5.1	23.0	
24	NNW	13.9	45.0	NE	7.7	32.4	
25	NW	11.1	34.9	NE	2.7	22.7	
26	NW	11.9	34.6	NE	4.3	25.6	
27	NW	11.4	34.9	NNE	5.8	25.2	
28	NW	9.7	27.7	C	1.2	18.0	
29	NW	12.0	42.1	NE	2.9	22.0	
30	NW	12.9	38.9	NE	4.4	29.5	
31	NW	13.9	40.7	NNE	6.4	35.6	
平均 MÉD		9.6			3.8		
最高 MÁX		16.3	51.1		10.2	39.6	

風
VENTO
WIND

友誼大橋北峰

Ponte de Amizade Norte

	盛行風向 Direcção predominante	平均風速 (km/h) Velocidade média	最高陣風 (km/h) Rajada máxima
1	NNE	32.4	56.2
2	NNE	19.8	44.6
3	N	13.2	28.1
4	N	8.9	21.6
5	NNE	8.2	22.7
6	NE	10.1	22.0
7	NE	7.9	23.0
8	SE	7.8	26.3
9	SE	8.2	28.8
10	ESE	17.7	39.2
11	SE	12.8	25.2
12	SE	5.0	16.9
13	NNW	19.2	43.2
14	NNE	26.1	58.7
15	N	25.0	45.7
16	NNE	29.4	48.2
17	N	26.8	49.7
18	NE	18.9	41.4
19	E	16.4	40.0
20	NE	7.5	19.1
21	NW	16.0	34.2
22	NW	17.3	31.0
23	NNW	19.0	38.5
24	NNE	29.3	51.8
25	NNE	23.9	42.8
26	N	21.2	47.9
27	N	22.9	45.4
28	NW	14.9	28.4
29	NNW	18.7	49.3
30	N	19.3	46.4
31	N	24.1	49.0

平均
MÉD

17.7

最高
MÁX

32.4

58.7

友誼大橋南峰

Ponte de Amizade Sul

	盛行風向 Direcção predominante	平均風速 (km/h) Velocidade média	最高陣風 (km/h) Rajada máxima
	NNE	33.0	54.4
	NNE	21.0	48.6
	N	13.6	28.8
	NNE	9.5	23.0
	NNE	8.5	23.8
	NNE	11.0	22.0
	SE	8.8	23.4
	SE	9.4	27.4
	SE	10.7	27.4
	ESE	18.5	45.4
	SE	14.4	25.9
	NE	6.1	18.4
	N	20.3	49.3
	NNE	27.3	55.4
	N	25.2	46.4
	N	30.2	50.8
	N	27.2	49.3
	NNE	20.6	42.5
	E	19.1	40.0
	NNE	9.2	21.2
	NW	15.3	34.9
	NW	17.1	31.3
	N	19.6	37.1
	NNE	30.3	50.8
	NNE	24.5	44.6
	N	21.9	49.0
	N	23.3	45.0
	NNW	14.9	28.8
	NNW	19.2	46.1
	N	19.7	43.2
	N	24.7	46.4

18.5

33.0

55.4

風
VENTO
WIND

澳門污水處理廠

E.T.A.R de Macau

	盛行風向 Direcção predominante	平均風速 (km/h) Velocidade média	最高陣風 (km/h) Rajada máxima
1	---	---	---
2	---	---	---
3	NNW	7.1	23.4
4	SE	5.0	15.1
5	SSE	3.7	16.6
6	C	4.0	15.1
7	C	2.9	16.6
8	SE	3.2	23.8
9	SSE	3.7	18.4
10	SE	6.4	27.4
11	SE	3.5	20.5
12	C	1.7	12.6
13	N	11.1	35.3
14	N	15.5	44.6
15	N	15.4	42.8
16	N	17.8	42.8
17	N	16.2	39.6
18	N	9.6	29.5
19	ESE	6.1	28.8
20	C	3.2	15.8
21	WNW	7.5	27.4
22	NNE	8.6	23.4
23	NNW	10.1	33.8
24	N	16.3	36.0
25	N	12.7	29.9
26	NNW	11.9	33.5
27	NNW	13.8	37.4
28	NW	4.4	21.6
29	NNW	6.8	29.5
30	NNW	9.7	33.8
31	NNW	14.1	38.5
平均 MÉD		8.7	
最高 MÁX		17.8	44.6